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USAAVLABS TECHNICAL REPORT 68-22B

IN-FLIGHT MEASUREMENT AND CORRELATION WITH THEORY OF BLADE AIRLOADS AND RESPONSES ON THE XH-51A COMPOUND HELICOPTER ROTOR

VOLUME II

MEASUREMENT AND DATA REDUCTION OF AIRLOADS AND STRUCTURAL LOADS APPENDIXES V THROUGH IX

By

E. A. Bartsch

May 1968

**U. S. ARMY AVIATION MATERIEL LABORATORIES
FORT EUSTIS, VIRGINIA**

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BURBANK, CALIFORNIA**

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DEPARTMENT OF THE ARMY
U. S. ARMY AVIATION MATERIEL LABORATORIES
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Under Army contract, the Lockheed Aircraft Corporation has conducted an investigation of blade aerodynamic pressures and strains and other associated flight characteristics on an XH-51A compound helicopter. The flight tests and theoretical analyses which were performed during the program were monitored by Army personnel, and the final report has been reviewed to ensure basic technical accuracy.

This report is published for the dissemination of information and the stimulation of further research.

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IN-FLIGHT MEASUREMENT AND CORRELATION WITH
THEORY OF BLADE AIRLOADS AND RESPONSES
ON THE XH-51A COMPOUND HELICOPTER ROTOR

LR 21072

VOLUME II
MEASUREMENT AND DATA REDUCTION OF AIRLOADS
AND STRUCTURAL LOADS APPENDIXES V THROUGH IX

By

E. A. Bartsch

Prepared by

Lockheed-California Company
Burbank, California

for

U. S. ARMY AVIATION MATERIEL LABORATORIES
FORT EUSTIS, VIRGINIA

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ABSTRACT

This report presents the results of a two-phase research program consisting of (1) in-flight measurement of aerodynamic pressures and structural loads on a compound, rigid-rotor helicopter and (2) correlation of these data with theoretical results.

Flight test data obtained in Phase I and recorded on an oscillograph were read on an oscillograph reading machine and were processed in an automatic data reduction program. This data processing consisted of integration of the pressure data to obtain the distribution of aerodynamic lift and pitching moments over the rotor blade, as functions of azimuth position. Airload and structural load data were harmonically analyzed.

Output of the data reduction program was used in Phase II as input to the correlation program. The measured airloads were used to compute the theoretical bending and torsion responses of the blade. The measured torsion moments were used in the theoretical prediction of the airloads. The results of the applied theories are compared with the flight measurements.

FOREWORD

This report describes a two-phase research program consisting of (1) flight test measurements of helicopter rotor blade structural loads and aerodynamic pressures and (2) correlation of these measurements with data obtained from current theories. This research program was conducted by the Lockheed-California Company under Contract DA 44-177-AMC-357(T) to the U.S. Army Aviation Materiel Laboratories (USAAVLABS), Fort Eustis, Virginia.

The research program was performed during the period from June 1966 to October 1967. Technical monitoring of the project for USAAVLABS was by W. E. Nettles.

The report covering the program is presented in three volumes. Volume I is entitled "Measurement and Data Reduction of Airloads and Structural Loads". It contains the main body of the report plus Appendixes I through IV. Volume II contains Appendixes V through IX, with all flight test data in tabular form. The correlation of the measured airloads and structural loads with theoretical data is covered in Volume III, "Theoretical Prediction of Airloads and Structural Loads and Correlation with Flight Test Measurements".

The Lockheed program was under the technical direction of A. W. Turner and W. E. Spreuer, engineering managers, and J. E. Sweers, project leader. The test pilot was R. Goudey. Additional Lockheed personnel associated with the program included W. H. Foulke and R. A. Berry, flight test; C. J. Buzzetti, E. A. Bartsch, S. H. Lomax, and T. H. Oglesby, structural flight measurement; R. H. Cook and R. G. Murison, instrumentation; R. D. Baker and W. C. Weddle, data processing; R. E. Donham and D. H. Janda, rotary wing dynamics; C. H. Ranschau, programming; and R. P. Bcal, editor.

Appreciation is due USAAVLABS for their help in providing assistance and advice in planning and executing the entire research program.

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APPENDIX V

DIFFERENTIAL PRESSURE - DYNAMIC COMPONENTS

The dynamic components of the differential pressure (in psi) interpolated for 72 data points per cycle are presented in this appendix. Data of all instrumented span and chord stations are tabulated for the 20 test conditions selected for full analysis.

The corresponding static components of the 46 stations are listed in Appendix VI.

Abbreviations used in the heading are:

CNTR No.	counter number
TCN	test condition number
C.R.	computer run
AZ	azimuth position
DEG	degrees

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CNTR NO. 538 TCN= 1. C.R.= 53.1

DIFFERENTIAL PRESSURES

JAPAN STATION 52.5

AZ	CHORD STATION			AZ
DEG.	3.455	1.956	1.550	10.400 DEG.
3.	3.06	3.63	0.03	-0.00 0.
5.	3.33	3.62	0.02	-0.31 5.
10.	3.01	3.61	0.21	-0.01 10.
15.	3.31	3.03	0.00	-0.00 15.
20.	3.32	-3.60	-0.00	-0.01 20.
25.	-3.77	-3.61	-0.01	-0.01 25.
30.	-3.93	-3.62	-0.02	-0.02 30.
35.	-3.37	-3.04	-0.23	-0.02 35.
40.	-3.78	-3.63	-0.03	-0.01 40.
45.	-3.35	-3.14	-0.04	-0.01 45.
50.	-3.08	-3.14	-0.03	-0.01 50.
55.	-3.12	-0.65	-0.03	-0.02 55.
60.	-3.12	-0.66	-0.03	-0.01 60.
65.	-3.06	-3.65	-0.02	-0.01 65.
70.	3.31	-3.62	-0.02	-0.01 70.
75.	0.94	3.02	-0.01	-0.01 75.
80.	3.35	0.61	-0.01	-0.01 80.
85.	3.34	3.61	-0.01	-0.01 85.
90.	3.32	-3.60	-0.01	-0.01 90.
95.	3.01	-0.61	-0.02	-0.00 95.
100.	-3.30	-3.33	-0.02	0.00 100.
105.	-3.31	-3.64	-0.03	0.00 105.
110.	-3.03	-0.65	-0.03	-0.00 110.
115.	-3.35	-0.65	-0.03	0.00 115.
120.	-3.36	-0.65	-0.02	0.01 120.
125.	-3.36	-3.04	-0.02	0.01 125.
130.	-3.36	-0.64	-0.02	0.00 130.
135.	-3.35	-3.63	-0.02	0.00 135.
140.	-3.34	-0.63	-0.02	0.00 140.
145.	-3.33	-0.62	-0.32	0.00 145.
150.	-3.31	-0.61	-0.02	-0.00 150.
155.	3.01	-0.61	-0.01	-0.00 155.
160.	0.03	3.03	0.00	0.00 160.
165.	0.35	0.61	0.01	0.01 165.
170.	3.07	3.62	0.01	0.02 170.
175.	3.30	3.03	3.32	0.02 175.
180.	3.08	3.64	0.02	0.02 180.
185.	3.37	3.03	0.02	0.02 185.
190.	3.36	3.62	0.01	0.02 190.
195.	3.35	-0.64	0.01	0.03 195.
200.	3.63	-3.02	0.01	0.03 200.
205.	3.31	-3.02	0.00	0.32 205.
210.	-3.30	-3.62	-0.00	0.31 210.
215.	-3.32	-3.62	-0.01	0.00 215.
220.	-3.33	-3.62	-0.01	0.00 220.
225.	-3.34	-3.01	-0.02	0.01 225.
230.	-3.34	-3.01	-0.02	0.01 230.
235.	-3.33	-0.61	-0.02	0.01 235.
240.	-0.01	-0.61	-0.01	0.01 240.
245.	-0.32	-3.61	-0.00	0.01 245.
250.	-3.34	-0.61	0.00	0.01 250.
255.	-3.03	-3.61	0.01	0.01 255.
260.	-3.34	3.00	0.01	0.01 260.
265.	-3.33	3.01	0.02	0.31 265.
270.	-3.02	0.62	0.02	0.01 270.
275.	-3.31	3.02	0.02	0.01 275.
280.	-0.30	3.02	0.02	0.01 280.
285.	3.35	0.62	0.01	0.00 285.
290.	3.31	0.62	0.31	-0.02 290.
295.	0.01	3.02	0.01	-0.33 295.
300.	3.02	3.03	0.01	0.01 300.
305.	3.01	0.04	0.01	-0.01 305.
310.	3.30	0.04	0.01	-0.02 310.
315.	-3.30	0.63	0.02	-0.02 315.
320.	-3.30	3.04	0.02	-0.02 320.
325.	0.30	3.04	0.03	-0.01 325.
330.	3.32	3.04	0.04	-0.01 330.
335.	0.03	0.04	0.04	-0.00 335.
340.	0.39	0.07	0.03	-0.00 340.
345.	3.12	0.04	0.03	-0.30 345.
350.	3.12	0.67	0.03	0.00 350.
355.	3.10	0.03	0.04	0.00 355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST 02 CTR NO. 538 TCN= 1. C.R.= 53.1

DIFFERENTIAL PRESSURES

SPAN STATION 70.0

AZ	CHORD STATION							AZ
DEG.	0.435	1.040	1.950	2.992	4.550	7.150	0.430	DEG.
0.	0.14	0.11	0.07	0.05	0.04	0.02	0.02	0.
5.	0.14	0.10	0.07	0.04	0.03	0.02	0.02	5.
10.	0.13	0.09	0.06	0.03	0.02	0.02	0.01	10.
15.	0.12	0.09	0.05	0.03	0.02	0.02	0.01	15.
20.	0.12	0.08	0.05	0.03	0.02	0.01	0.01	20.
25.	0.12	0.08	0.04	0.03	0.02	0.02	0.01	25.
30.	0.11	0.08	0.04	0.03	0.02	0.01	0.01	30.
35.	0.11	0.07	0.04	0.02	0.02	0.01	0.01	35.
40.	0.09	0.07	0.04	0.01	0.02	0.01	0.01	40.
45.	0.07	0.06	0.03	0.01	0.01	0.00	0.00	45.
50.	0.06	0.05	0.03	0.00	0.01	0.00	0.00	50.
55.	0.05	0.04	0.02	-0.00	0.00	-0.00	0.01	55.
60.	0.04	0.03	0.01	-0.01	0.00	-0.00	0.01	60.
65.	0.03	0.01	-0.01	-0.01	0.01	-0.00	0.01	65.
70.	0.02	-0.00	-0.02	-0.02	0.01	-0.00	0.01	70.
75.	0.02	-0.01	-0.03	-0.02	0.02	-0.00	0.01	75.
80.	0.01	-0.03	-0.04	-0.02	0.02	-0.00	0.01	80.
85.	0.00	-0.04	-0.04	-0.03	0.01	-0.00	0.01	85.
90.	-0.02	-0.05	-0.04	-0.03	-0.00	-0.00	0.00	90.
95.	-0.04	-0.04	-0.04	-0.03	-0.01	-0.01	-0.00	95.
100.	-0.06	-0.07	-0.05	-0.04	-0.02	-0.01	-0.01	100.
105.	-0.09	-0.08	-0.05	-0.04	-0.02	-0.01	-0.01	105.
110.	-0.11	-0.09	-0.06	-0.04	-0.02	-0.01	-0.01	110.
115.	-0.13	-0.09	-0.07	-0.04	-0.02	-0.01	-0.01	115.
120.	-0.14	-0.09	-0.07	-0.03	-0.02	-0.01	-0.01	120.
125.	-0.14	-0.09	-0.07	-0.03	-0.02	-0.01	-0.01	125.
130.	-0.14	-0.10	-0.08	-0.03	-0.02	-0.01	-0.02	130.
135.	-0.13	-0.10	-0.08	-0.03	-0.02	-0.01	-0.02	135.
140.	-0.12	-0.09	-0.08	-0.03	-0.02	-0.01	-0.01	140.
145.	-0.10	-0.07	-0.07	-0.03	-0.02	-0.01	-0.01	145.
150.	-0.08	-0.07	-0.06	-0.03	-0.02	-0.01	-0.01	150.
155.	-0.05	-0.05	-0.05	-0.02	-0.02	-0.01	-0.01	155.
160.	-0.02	-0.02	-0.02	-0.01	-0.01	-0.01	-0.00	160.
165.	0.01	0.01	0.01	0.01	0.01	-0.00	-0.00	165.
170.	0.04	0.04	0.03	0.02	0.02	0.00	-0.01	170.
175.	0.07	0.04	0.04	0.02	0.02	0.01	-0.01	175.
180.	0.07	0.04	0.05	0.02	0.02	0.01	-0.02	180.
185.	0.06	0.05	0.05	0.02	0.02	0.01	-0.02	185.
190.	0.03	0.04	0.04	0.01	0.01	0.01	-0.02	190.
195.	-0.00	0.02	0.01	0.00	0.01	0.01	-0.02	195.
200.	-0.05	0.00	-0.01	-0.01	-0.02	0.00	-0.02	200.
205.	-0.09	-0.03	-0.03	-0.02	-0.04	-0.00	-0.03	205.
210.	-0.12	-0.06	-0.05	-0.03	-0.04	-0.01	-0.03	210.
215.	-0.13	-0.08	-0.05	-0.04	-0.05	-0.02	-0.02	215.
220.	-0.14	-0.09	-0.05	-0.05	-0.05	-0.02	-0.01	220.
225.	-0.14	-0.09	-0.06	-0.05	-0.04	-0.02	-0.02	225.
230.	-0.13	-0.09	-0.06	-0.05	-0.04	-0.02	-0.02	230.
235.	-0.12	-0.09	-0.05	-0.05	-0.04	-0.02	-0.02	235.
240.	-0.11	-0.09	-0.05	-0.05	-0.04	-0.03	-0.02	240.
245.	-0.10	-0.09	-0.05	-0.04	-0.04	-0.02	-0.01	245.
250.	-0.09	-0.09	-0.04	-0.04	-0.03	-0.02	-0.01	250.
255.	-0.08	-0.08	-0.03	-0.02	-0.03	-0.01	-0.01	255.
260.	-0.07	-0.07	-0.02	-0.01	-0.02	0.00	-0.01	260.
265.	-0.05	-0.04	-0.01	0.00	-0.01	0.01	-0.00	265.
270.	-0.04	-0.03	-0.00	0.01	0.01	0.01	0.01	270.
275.	-0.03	-0.03	0.01	0.01	0.01	0.01	0.01	275.
280.	-0.01	-0.02	0.01	0.02	0.01	0.01	0.01	280.
285.	0.00	-0.01	0.02	0.02	0.01	0.01	0.01	285.
290.	0.01	0.02	0.03	0.02	0.02	0.01	0.01	290.
295.	0.02	0.03	0.03	0.03	0.02	0.01	0.01	295.
300.	0.03	0.04	0.04	0.03	0.02	0.01	0.01	300.
305.	0.04	0.05	0.04	0.03	0.02	0.01	0.01	305.
310.	0.05	0.06	0.05	0.03	0.02	0.01	0.01	310.
315.	0.07	0.06	0.05	0.03	0.02	0.01	0.02	315.
320.	0.08	0.07	0.06	0.03	0.02	0.01	0.02	320.
325.	0.10	0.07	0.06	0.03	0.02	0.00	0.01	325.
330.	0.12	0.09	0.07	0.04	0.01	0.00	0.01	330.
335.	0.13	0.11	0.07	0.04	0.02	0.00	0.01	335.
340.	0.14	0.13	0.08	0.05	0.02	0.00	0.01	340.
345.	0.14	0.13	0.08	0.05	0.02	0.00	0.02	345.
350.	0.15	0.13	0.08	0.06	0.05	0.02	0.02	350.
355.	0.15	0.12	0.08	0.06	0.05	0.03	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-502 CTR NO. 530 TCN= 1. C.R.= 53.1

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION							AZ
DEG.	3.435	1.040	1.950	2.900	4.350	7.153	10.408	DEG.
9.	3.33	0.20	3.10	0.10	0.12	0.07	0.01	0.
5.	0.32	0.25	0.16	0.17	0.11	0.06	0.01	5.
13.	0.32	0.23	0.15	0.14	0.10	0.05	0.00	10.
15.	3.31	0.22	0.14	0.13	0.09	0.04	0.00	15.
20.	3.30	0.21	0.13	0.11	0.09	0.04	0.00	20.
25.	3.28	0.21	3.11	0.10	0.09	0.04	0.00	25.
30.	3.27	0.19	3.10	0.09	0.08	0.03	0.00	30.
35.	3.24	0.16	0.13	0.08	0.08	0.03	0.00	35.
40.	3.25	0.14	3.09	0.07	0.08	0.02	0.00	40.
45.	3.23	0.12	0.09	0.07	0.07	0.02	0.00	45.
50.	3.24	3.10	3.09	0.06	0.06	0.02	0.00	50.
55.	0.22	0.00	0.00	0.05	0.06	0.01	0.00	55.
60.	0.20	0.04	0.07	0.04	0.05	0.01	0.00	60.
65.	3.18	0.00	3.06	0.02	0.04	0.00	0.00	65.
70.	3.15	-0.04	0.05	0.01	0.03	-0.00	0.00	70.
75.	3.12	-0.05	0.03	-0.00	0.03	-0.00	0.00	75.
80.	3.10	-0.05	0.02	-0.02	0.02	-0.01	0.00	80.
85.	3.09	-0.04	0.00	-0.02	0.01	-0.01	0.00	85.
90.	0.00	-0.04	-0.01	-0.03	0.01	-0.01	0.00	90.
95.	0.06	-0.07	-0.02	-0.03	-0.00	-0.02	-0.00	95.
100.	3.02	-0.09	-0.03	-0.04	-0.01	-0.02	-0.00	100.
105.	-3.03	-0.12	-0.06	-0.05	-0.02	-0.03	-0.00	105.
110.	-3.07	-0.13	-0.06	-0.06	-0.03	-0.04	-0.00	110.
115.	-3.11	-0.13	-0.09	-0.07	-0.04	-0.04	-0.01	115.
120.	-3.15	-0.14	-0.11	-0.09	-0.05	-0.05	-0.01	120.
125.	-3.19	-0.15	-0.14	-0.11	-0.06	-0.05	-0.01	125.
130.	-0.22	-0.16	-0.15	-0.12	-0.07	-0.05	-0.01	130.
135.	-0.24	-0.17	-0.16	-0.12	-0.07	-0.05	-0.01	135.
140.	-0.24	-0.18	-0.16	-0.12	-0.08	-0.06	-0.01	140.
145.	-0.24	-0.19	-0.16	-0.12	-0.08	-0.06	-0.01	145.
150.	-0.23	-0.19	-0.15	-0.11	-0.07	-0.06	-0.01	150.
155.	-0.22	-0.18	-0.16	-0.11	-0.07	-0.06	-0.01	155.
160.	-0.21	-0.16	-0.15	-0.10	-0.07	-0.06	-0.01	160.
165.	-0.20	-0.14	-0.13	-0.09	-0.06	-0.05	-0.01	165.
170.	-0.19	-0.12	-0.13	-0.08	-0.06	-0.05	0.00	170.
175.	-0.18	-0.12	-0.11	-0.08	-0.05	-0.04	0.00	175.
180.	-0.17	-0.12	-0.10	-0.07	-0.05	-0.04	0.00	180.
185.	-0.16	-0.13	-0.09	-0.07	-0.05	-0.04	0.00	185.
190.	-0.17	-0.15	-0.09	-0.07	-0.05	-0.04	0.00	190.
195.	-0.19	-0.17	-0.09	-0.07	-0.05	-0.04	-0.01	195.
200.	-0.21	-0.20	-0.09	-0.08	-0.06	-0.05	-0.01	200.
205.	-0.23	-0.21	-0.10	-0.09	-0.06	-0.05	-0.01	205.
210.	-0.25	-0.21	-0.11	-0.10	-0.07	-0.05	-0.01	210.
215.	-0.27	-0.21	-0.13	-0.10	-0.08	-0.05	-0.01	215.
220.	-0.29	-0.21	-0.14	-0.11	-0.08	-0.05	-0.01	220.
225.	-0.29	-0.21	-0.14	-0.11	-0.08	-0.05	-0.01	225.
230.	-0.28	-0.20	-0.14	-0.11	-0.08	-0.05	-0.01	230.
235.	-0.26	-0.19	-0.12	-0.10	-0.07	-0.04	-0.01	235.
240.	-0.24	-0.17	-0.11	-0.09	-0.07	-0.04	-0.01	240.
245.	-0.22	-0.14	-0.09	-0.08	-0.07	-0.04	-0.01	245.
250.	-0.19	-0.10	-0.06	-0.07	-0.07	-0.04	-0.01	250.
255.	-0.16	-0.07	-0.06	-0.06	-0.06	-0.04	-0.01	255.
260.	-0.13	-0.03	-0.04	-0.05	-0.06	-0.04	-0.01	260.
265.	-0.11	-0.01	-0.02	-0.04	-0.05	-0.04	-0.01	265.
270.	-0.08	0.02	0.01	-0.01	-0.04	-0.04	0.00	270.
275.	-0.05	0.04	0.02	0.02	-0.03	0.00	0.00	275.
280.	-0.03	0.06	0.03	0.03	-0.02	0.01	0.00	280.
285.	-0.00	0.09	0.04	0.04	-0.01	0.01	0.00	285.
290.	0.02	0.12	0.05	0.05	-0.00	0.02	0.00	290.
295.	0.04	0.13	0.06	0.06	0.01	0.02	0.00	295.
300.	0.04	0.11	0.10	0.07	0.02	0.02	0.00	300.
305.	0.09	0.10	0.11	0.08	0.04	0.02	0.00	305.
310.	0.11	0.12	0.12	0.10	0.06	0.03	0.00	310.
315.	0.13	0.13	0.12	0.11	0.07	0.03	0.01	315.
320.	0.15	0.19	0.13	0.12	0.07	0.03	0.01	320.
325.	0.17	0.22	0.13	0.12	0.08	0.04	0.01	325.
330.	0.20	0.25	0.15	0.13	0.09	0.04	0.01	330.
335.	0.23	0.28	0.17	0.14	0.09	0.05	0.01	335.
340.	0.26	0.31	0.19	0.14	0.09	0.06	0.01	340.
345.	0.28	0.33	0.20	0.15	0.09	0.06	0.01	345.
350.	0.32	0.35	0.21	0.17	0.11	0.07	0.01	350.
355.	0.34	0.31	0.19	0.16	0.13	0.07	0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#522 CNTR NO. 530 TCN# 1. C.R.# 53.1

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEG.	5.455	1.040	1.950	2.992	4.590	7.150	10.400	DEG.
3.	3.62	0.32	3.35	0.22	0.20	3.10	3.04	3.
5.	3.60	0.29	3.31	0.18	0.18	3.09	3.04	5.
10.	3.55	0.28	3.28	0.15	0.16	3.09	3.03	10.
15.	3.48	0.27	3.26	0.14	0.14	3.08	3.03	15.
20.	3.41	0.26	3.25	0.14	0.14	3.07	3.03	20.
25.	3.37	0.26	3.24	0.15	0.15	3.06	3.02	25.
30.	3.36	0.25	3.23	0.14	0.12	3.05	3.02	30.
35.	3.35	0.18	3.23	0.13	0.11	3.03	3.02	35.
40.	3.32	0.14	3.17	0.12	0.10	3.02	3.01	40.
45.	3.31	0.17	3.14	0.11	0.09	3.02	3.01	45.
50.	0.31	0.23	3.11	0.11	3.08	0.02	0.01	50.
55.	3.30	0.23	3.08	0.10	0.07	3.01	0.01	55.
60.	3.29	0.22	0.05	0.10	0.06	3.01	0.00	60.
65.	3.27	0.21	3.02	0.09	0.06	-0.03	-0.03	65.
70.	3.24	0.19	-0.02	0.08	0.05	-0.01	-0.01	70.
75.	3.18	0.17	-0.05	3.07	0.03	-0.01	-0.01	75.
80.	3.12	0.15	-0.07	0.05	0.02	-0.02	-0.01	80.
85.	3.04	0.07	-0.09	0.03	0.01	-0.02	-0.01	85.
90.	-0.03	-0.01	-0.11	0.01	-0.01	-0.03	-0.01	90.
95.	-0.08	-0.04	-0.12	-0.01	-0.02	-0.04	-0.01	95.
100.	-0.12	-0.04	-0.14	-0.03	-0.04	-0.04	-0.02	100.
105.	-0.16	-0.03	-0.17	-0.05	-0.05	-0.05	-0.02	105.
110.	-0.21	-0.04	-0.19	-0.06	-0.07	-0.06	-0.02	110.
115.	-0.26	-0.10	-0.21	-0.10	-0.08	-0.07	-0.03	115.
120.	-0.31	-0.15	-0.22	-0.11	-0.09	-0.07	-0.03	120.
125.	-0.36	-0.19	-0.23	-0.12	-0.11	-0.07	-0.03	125.
130.	-0.41	-0.22	-0.23	-0.13	-0.12	-0.08	-0.03	130.
135.	-0.44	-0.23	-0.22	-0.14	-0.13	-0.08	-0.03	135.
140.	-0.46	-0.23	-0.21	-0.15	-0.14	-0.07	-0.03	140.
145.	-0.45	-0.23	-0.21	-0.16	-0.13	-0.07	-0.03	145.
150.	-0.45	-0.24	-0.20	-0.16	-0.12	-0.06	-0.02	150.
155.	-0.44	-0.23	-0.19	-0.16	-0.11	-0.06	-0.02	155.
160.	-0.42	-0.22	-0.18	-0.16	-0.11	-0.07	-0.02	160.
165.	-0.40	-0.19	-0.15	-0.14	-0.12	-0.06	-0.02	165.
170.	-0.43	-0.15	-0.14	-0.13	-0.12	-0.05	-0.02	170.
175.	-0.35	-0.09	-0.11	-0.12	-0.11	-0.04	-0.02	175.
180.	-0.29	-0.04	-0.13	-0.08	-0.09	-0.03	-0.02	180.
185.	-0.25	-0.03	-0.10	-0.07	-0.07	-0.03	-0.02	185.
190.	-0.24	-0.00	-0.10	-0.06	-0.07	-0.03	-0.02	190.
195.	-0.29	-0.17	-0.12	-0.11	-0.08	-0.04	-0.02	195.
200.	-0.35	-0.16	-0.14	-0.13	-0.09	-0.04	-0.02	200.
205.	-0.39	-0.17	-0.16	-0.13	-0.10	-0.04	-0.02	205.
210.	-0.42	-0.21	-0.17	-0.13	-0.11	-0.04	-0.02	210.
215.	-0.43	-0.24	-0.17	-0.13	-0.12	-0.04	-0.02	215.
220.	-0.40	-0.23	-0.17	-0.13	-0.12	-0.04	-0.01	220.
225.	-0.34	-0.22	-0.16	-0.12	-0.12	-0.03	-0.01	225.
230.	-0.30	-0.20	-0.14	-0.12	-0.11	-0.02	-0.01	230.
235.	-0.27	-0.17	-0.11	-0.11	-0.10	-0.02	-0.01	235.
240.	-0.25	-0.15	-0.09	-0.10	-0.09	-0.02	-0.01	240.
245.	-0.22	-0.14	-0.07	-0.10	-0.07	-0.01	-0.01	245.
250.	-0.18	-0.15	-0.06	-0.09	-0.06	-0.01	-0.01	250.
255.	-0.13	-0.13	-0.05	-0.07	-0.05	-0.00	-0.00	255.
260.	-0.09	-0.12	-0.04	-0.06	-0.05	-0.00	-0.00	260.
265.	-0.07	-0.07	-0.04	-0.05	-0.04	0.00	0.00	265.
270.	-0.04	-0.00	-0.02	-0.03	-0.03	0.01	0.01	270.
275.	-0.02	-0.11	-0.03	-0.02	-0.03	0.02	0.01	275.
280.	-0.01	-0.12	0.02	-0.00	-0.02	0.02	0.01	280.
285.	0.01	-0.10	0.04	0.01	-0.01	0.02	0.01	285.
290.	0.03	-0.07	0.05	0.02	0.01	0.03	0.01	290.
295.	0.06	-0.04	0.07	0.03	0.02	0.03	0.02	295.
300.	0.09	-0.03	0.08	0.04	0.04	0.04	0.02	300.
305.	0.13	-0.03	0.10	0.05	0.05	0.04	0.02	305.
310.	0.18	-0.04	0.11	0.06	0.07	0.05	0.02	310.
315.	0.26	0.00	0.13	0.08	0.09	0.05	0.02	315.
320.	0.33	0.13	0.16	0.10	0.11	0.06	0.02	320.
325.	0.40	0.19	0.18	0.13	0.12	0.07	0.03	325.
330.	0.45	0.21	0.21	0.16	0.14	0.08	0.03	330.
335.	0.50	0.23	0.23	0.19	0.16	0.08	0.03	335.
340.	0.55	0.28	0.30	0.21	0.17	0.08	0.03	340.
345.	0.60	0.34	0.34	0.22	0.18	0.09	0.04	345.
350.	0.64	0.35	0.37	0.23	0.20	0.09	0.04	350.
355.	0.64	0.34	0.37	0.23	0.20	0.09	0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-502 CNTR NO. 938 TCN= 1. C.R.= 93.1

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
DEG.	3.444	1.345	1.952	2.946	4.332	7.135	10.438	DEG.
0.	3.78	0.55	0.41	0.25	0.19	0.10	0.03	0.
5.	3.77	0.54	0.40	0.23	0.18	0.09	0.03	5.
10.	3.76	0.53	0.39	0.21	0.16	0.09	0.03	10.
15.	0.72	0.51	0.37	0.20	0.17	0.08	0.03	15.
20.	0.67	0.48	0.35	0.20	0.16	0.07	0.02	20.
25.	0.61	0.44	0.33	0.19	0.14	0.06	0.01	25.
30.	0.54	0.40	0.31	0.16	0.12	0.05	0.01	30.
35.	0.48	0.36	0.28	0.14	0.10	0.04	0.00	35.
40.	0.43	0.33	0.24	0.11	0.08	0.04	0.00	40.
45.	0.41	0.30	0.21	0.10	0.06	0.03	-0.00	45.
50.	0.38	0.28	0.19	0.09	0.05	0.03	-0.00	50.
55.	0.36	0.26	0.18	0.08	0.05	0.03	-0.01	55.
60.	0.34	0.24	0.17	0.07	0.04	0.02	-0.01	60.
65.	0.32	0.22	0.15	0.06	0.02	0.02	-0.01	65.
70.	0.27	0.20	0.13	0.04	0.01	0.01	-0.01	70.
75.	0.22	0.16	0.10	0.02	-0.01	0.01	-0.01	75.
80.	0.16	0.12	0.07	0.01	-0.02	0.01	-0.01	80.
85.	0.10	0.07	0.03	-0.01	-0.03	-0.00	-0.01	85.
90.	0.04	0.03	-0.01	-0.03	-0.05	-0.01	-0.01	90.
95.	-0.02	-0.01	-0.06	-0.05	-0.06	-0.03	-0.02	95.
100.	-0.06	-0.05	-0.10	-0.07	-0.07	-0.04	-0.02	100.
105.	-0.10	-0.10	-0.13	-0.09	-0.08	-0.05	-0.03	105.
110.	-0.15	-0.14	-0.15	-0.12	-0.09	-0.06	-0.03	110.
115.	-0.24	-0.18	-0.18	-0.14	-0.11	-0.06	-0.03	115.
120.	-0.32	-0.22	-0.21	-0.16	-0.12	-0.07	-0.03	120.
125.	-0.36	-0.27	-0.24	-0.17	-0.14	-0.08	-0.03	125.
130.	-0.42	-0.32	-0.28	-0.18	-0.15	-0.09	-0.03	130.
135.	-0.47	-0.35	-0.31	-0.18	-0.16	-0.09	-0.03	135.
140.	-0.53	-0.39	-0.33	-0.18	-0.17	-0.09	-0.03	140.
145.	-0.57	-0.42	-0.35	-0.18	-0.17	-0.09	-0.03	145.
150.	-0.61	-0.45	-0.36	-0.18	-0.17	-0.09	-0.03	150.
155.	-0.65	-0.47	-0.37	-0.19	-0.17	-0.09	-0.02	155.
160.	-0.68	-0.49	-0.36	-0.19	-0.16	-0.09	-0.02	160.
165.	-0.69	-0.49	-0.35	-0.18	-0.15	-0.08	-0.02	165.
170.	-0.67	-0.47	-0.33	-0.14	-0.13	-0.06	-0.02	170.
175.	-0.59	-0.44	-0.31	-0.10	-0.11	-0.07	-0.01	175.
180.	-0.53	-0.41	-0.30	-0.10	-0.10	-0.06	-0.01	180.
185.	-0.51	-0.39	-0.29	-0.10	-0.08	-0.05	-0.01	185.
190.	-0.51	-0.38	-0.28	-0.17	-0.08	-0.04	-0.01	190.
195.	-0.50	-0.36	-0.27	-0.17	-0.08	-0.04	-0.01	195.
200.	-0.50	-0.35	-0.26	-0.15	-0.06	-0.03	-0.00	200.
205.	-0.49	-0.34	-0.24	-0.14	-0.06	-0.04	-0.00	205.
210.	-0.49	-0.32	-0.23	-0.13	-0.05	-0.04	-0.01	210.
215.	-0.49	-0.31	-0.24	-0.12	-0.05	-0.05	-0.01	215.
220.	-0.49	-0.30	-0.22	-0.11	-0.05	-0.05	-0.01	220.
225.	-0.47	-0.29	-0.21	-0.10	-0.05	-0.05	-0.01	225.
230.	-0.44	-0.28	-0.19	-0.09	-0.04	-0.04	-0.01	230.
235.	-0.40	-0.27	-0.17	-0.09	-0.04	-0.03	-0.00	235.
240.	-0.37	-0.26	-0.15	-0.08	-0.03	-0.02	-0.00	240.
245.	-0.34	-0.24	-0.13	-0.08	-0.03	-0.01	0.00	245.
250.	-0.30	-0.21	-0.11	-0.07	-0.03	-0.01	0.00	250.
255.	-0.26	-0.18	-0.09	-0.06	-0.04	-0.00	0.01	255.
260.	-0.20	-0.14	-0.07	-0.04	-0.03	0.00	0.01	260.
265.	-0.15	-0.10	-0.05	-0.03	-0.02	0.01	0.01	265.
270.	-0.13	-0.08	-0.03	-0.01	-0.01	0.01	0.01	270.
275.	-0.07	-0.03	-0.01	0.00	-0.00	0.01	0.01	275.
280.	-0.04	-0.00	0.01	0.02	0.02	0.02	0.01	280.
285.	0.02	0.03	0.03	0.03	0.04	0.02	0.01	285.
290.	0.06	0.06	0.05	0.04	0.07	0.03	0.01	290.
295.	0.13	0.09	0.07	0.05	0.08	0.03	0.01	295.
300.	0.14	0.11	0.09	0.06	0.09	0.03	0.02	300.
305.	0.16	0.14	0.11	0.08	0.10	0.04	0.02	305.
310.	0.25	0.20	0.14	0.11	0.11	0.04	0.02	310.
315.	0.37	0.27	0.20	0.15	0.13	0.05	0.02	315.
320.	0.48	0.33	0.27	0.18	0.15	0.06	0.03	320.
325.	0.58	0.38	0.33	0.25	0.17	0.07	0.03	325.
330.	0.64	0.41	0.37	0.22	0.18	0.08	0.03	330.
335.	0.67	0.44	0.39	0.25	0.19	0.09	0.03	335.
340.	0.69	0.47	0.43	0.27	0.19	0.09	0.03	340.
345.	0.73	0.50	0.41	0.28	0.19	0.10	0.03	345.
350.	0.76	0.53	0.45	0.28	0.19	0.10	0.03	350.
355.	0.79	0.54	0.45	0.27	0.19	0.10	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-502 CNTR NO. 538 TCN= 1. C.R.= 53.1

DIFFERENTIAL PRESSURES

SPAN STATION 109.0

AZ	CHORD STATION							AZ
DEG.	0.445	1.540	1.950	2.960	4.550	7.130	10.400	DEG.
0.	0.01	0.50	0.35	0.22	0.16	0.01	0.01	0.
5.	0.79	0.56	0.34	0.20	0.15	0.00	0.01	5.
10.	0.77	0.54	0.33	0.19	0.15	0.00	0.01	10.
15.	0.76	0.51	0.32	0.17	0.14	0.00	0.01	15.
20.	0.74	0.48	0.31	0.12	0.14	-0.01	-0.01	20.
25.	0.72	0.45	0.28	0.08	0.14	-0.02	-0.01	25.
30.	0.69	0.43	0.25	0.06	0.15	-0.03	-0.02	30.
35.	0.63	0.40	0.22	0.04	0.14	-0.04	-0.02	35.
40.	0.56	0.36	0.17	0.06	0.14	-0.05	-0.02	40.
45.	0.49	0.31	0.14	0.04	0.13	-0.07	-0.02	45.
50.	0.42	0.25	0.12	0.02	0.13	-0.07	-0.02	50.
55.	0.39	0.19	0.10	0.01	0.13	-0.05	-0.02	55.
60.	0.38	0.16	0.08	-0.01	0.13	-0.05	-0.03	60.
65.	0.38	0.15	0.07	-0.02	0.11	-0.05	-0.03	65.
70.	0.34	0.14	0.06	-0.04	0.09	-0.06	-0.03	70.
75.	0.28	0.12	0.04	-0.05	0.06	-0.06	-0.03	75.
80.	0.21	0.08	0.02	-0.06	0.04	-0.06	-0.03	80.
85.	0.14	0.04	-0.00	-0.00	0.02	-0.06	-0.04	85.
90.	0.06	-0.00	-0.03	-0.00	-0.00	-0.06	-0.04	90.
95.	-0.01	-0.05	-0.07	-0.10	-0.02	-0.06	-0.04	95.
100.	-0.00	-0.09	-0.13	-0.12	-0.03	-0.06	-0.03	100.
105.	-0.15	-0.14	-0.19	-0.14	-0.05	-0.06	-0.03	105.
110.	-0.21	-0.20	-0.24	-0.17	-0.07	-0.07	-0.03	110.
115.	-0.32	-0.26	-0.27	-0.20	-0.09	-0.07	-0.03	115.
120.	-0.42	-0.34	-0.30	-0.22	-0.11	-0.07	-0.02	120.
125.	-0.53	-0.43	-0.32	-0.24	-0.13	-0.07	-0.02	125.
130.	-0.64	-0.51	-0.34	-0.25	-0.14	-0.07	-0.02	130.
135.	-0.74	-0.57	-0.35	-0.25	-0.15	-0.06	-0.01	135.
140.	-0.83	-0.68	-0.36	-0.24	-0.15	-0.04	-0.01	140.
145.	-0.90	-0.60	-0.37	-0.23	-0.15	-0.03	-0.00	145.
150.	-0.96	-0.57	-0.36	-0.23	-0.15	-0.04	0.01	150.
155.	-0.95	-0.52	-0.34	-0.23	-0.15	-0.03	0.01	155.
160.	-0.90	-0.51	-0.32	-0.22	-0.14	-0.02	0.00	160.
165.	-0.87	-0.50	-0.31	-0.20	-0.13	-0.01	-0.00	165.
170.	-0.86	-0.48	-0.34	-0.16	-0.12	0.01	0.00	170.
175.	-1.02	-0.60	-0.34	-0.11	-0.11	0.04	0.02	175.
180.	-0.97	-0.66	-0.27	-0.06	-0.09	0.07	0.03	180.
185.	-0.84	-0.66	-0.18	-0.03	-0.06	0.08	0.03	185.
190.	-0.60	-0.35	-0.11	-0.01	-0.04	0.08	0.01	190.
195.	-0.55	-0.30	-0.09	0.01	-0.03	0.07	-0.00	195.
200.	-0.40	-0.20	-0.06	0.01	-0.03	0.07	-0.01	200.
205.	-0.45	-0.27	-0.08	0.01	-0.04	0.06	-0.02	205.
210.	-0.44	-0.27	-0.08	-0.00	-0.05	0.05	-0.00	210.
215.	-0.43	-0.26	-0.10	-0.01	-0.06	0.03	-0.01	215.
220.	-0.42	-0.25	-0.10	-0.02	-0.06	0.02	0.00	220.
225.	-0.38	-0.24	-0.10	-0.02	-0.06	0.03	0.01	225.
230.	-0.35	-0.24	-0.10	-0.02	-0.05	0.05	0.01	230.
235.	-0.35	-0.23	-0.10	-0.02	-0.05	0.04	0.01	235.
240.	-0.32	-0.21	-0.09	-0.02	-0.05	0.04	0.02	240.
245.	-0.28	-0.16	-0.07	-0.02	-0.05	0.05	0.03	245.
250.	-0.08	-0.00	-0.05	-0.00	-0.05	0.05	0.03	250.
255.	-0.00	-0.01	-0.03	0.02	-0.05	0.06	0.03	255.
260.	-0.10	0.03	-0.02	0.04	-0.05	0.04	0.03	260.
265.	-0.09	0.02	-0.00	0.05	-0.05	0.06	0.03	265.
270.	-0.08	0.01	0.01	0.06	-0.06	0.07	0.04	270.
275.	-0.08	0.02	0.02	0.06	-0.07	0.07	0.04	275.
280.	-0.07	-0.07	0.02	0.04	-0.06	0.07	0.04	280.
285.	-0.08	-0.07	0.02	0.03	-0.06	0.07	0.03	285.
290.	-0.03	0.02	0.05	0.04	-0.06	0.06	0.03	290.
295.	0.34	0.26	0.15	0.11	-0.05	0.04	0.03	295.
300.	0.44	0.32	0.18	0.13	-0.02	-0.00	0.00	300.
305.	0.40	0.23	0.13	0.11	-0.02	-0.01	-0.00	305.
310.	0.47	0.30	0.17	0.11	-0.03	0.01	0.00	310.
315.	0.53	0.39	0.22	0.12	-0.03	0.03	0.01	315.
320.	0.58	0.43	0.22	0.14	-0.00	0.02	0.00	320.
325.	0.65	0.47	0.23	0.10	0.00	0.01	0.01	325.
330.	0.76	0.55	0.29	0.23	0.10	0.01	0.01	330.
335.	0.83	0.59	0.34	0.25	0.19	0.02	0.00	335.
340.	0.80	0.59	0.33	0.24	0.18	0.02	0.00	340.
345.	0.80	0.57	0.33	0.22	0.17	0.01	0.01	345.
350.	0.82	0.56	0.37	0.23	0.16	0.01	0.01	350.
355.	0.83	0.59	0.30	0.24	0.16	0.01	0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=902 CTRY NO. 938 TCN= 1. C.R.= 53.1

DIFFERENTIAL PRESSURES

SPAN STATION 199.5

AZ	CHORD STATION							AZ
SEC.	0.455	1.040	1.950	2.990	4.590	7.150	10.400	SEC.
0.	-1.00	-0.06	-0.52	-0.30	-0.20	-0.09	0.00	0.
5.	-1.03	-0.04	-0.53	-0.30	-0.21	-0.09	-0.00	5.
10.	-1.04	-0.04	-0.53	-0.30	-0.22	-0.09	0.00	10.
15.	-1.04	-0.07	-0.52	-0.37	-0.22	-0.09	-0.01	15.
20.	-1.07	-0.03	-0.51	-0.37	-0.21	-0.10	-0.03	20.
25.	-1.09	-0.08	-0.51	-0.30	-0.21	-0.12	-0.04	25.
30.	-1.09	-0.05	-0.52	-0.39	-0.21	-0.13	-0.04	30.
35.	-1.01	-0.04	-0.54	-0.41	-0.21	-0.14	-0.05	35.
40.	-1.00	-0.01	-0.55	-0.42	-0.23	-0.14	-0.05	40.
45.	-2.00	-0.06	-0.59	-0.43	-0.23	-0.14	-0.05	45.
50.	-2.02	-0.01	-0.59	-0.42	-0.23	-0.13	-0.05	50.
55.	-1.00	-0.01	-0.59	-0.42	-0.23	-0.12	-0.05	55.
60.	-1.02	-0.00	-0.50	-0.39	-0.22	-0.12	-0.05	60.
65.	-1.50	-0.01	-0.45	-0.36	-0.20	-0.12	-0.05	65.
70.	-1.56	-0.03	-0.43	-0.34	-0.20	-0.13	-0.06	70.
75.	-1.41	-0.04	-0.42	-0.32	-0.19	-0.13	-0.06	75.
80.	-1.30	-0.06	-0.41	-0.30	-0.18	-0.13	-0.06	80.
85.	-1.23	-0.04	-0.36	-0.28	-0.17	-0.13	-0.06	85.
90.	-1.20	-0.39	-0.30	-0.24	-0.15	-0.12	-0.06	90.
95.	-1.11	-0.37	-0.24	-0.20	-0.13	-0.11	-0.06	95.
100.	-0.62	-0.29	-0.19	-0.15	-0.11	-0.10	-0.06	100.
105.	-0.60	-0.14	-0.15	-0.20	-0.09	-0.09	-0.06	105.
110.	-0.50	0.00	-0.07	-0.03	-0.07	-0.08	-0.06	110.
115.	-0.33	0.00	-0.00	0.01	-0.06	-0.07	-0.06	115.
120.	-0.20	0.15	0.04	0.03	-0.05	-0.06	-0.06	120.
125.	-0.10	0.15	0.05	0.04	-0.03	-0.05	-0.05	125.
130.	-0.03	0.10	0.06	0.05	-0.02	-0.04	-0.04	130.
135.	0.17	0.20	0.11	0.07	0.00	-0.03	-0.03	135.
140.	0.27	0.37	0.17	0.09	0.22	-0.02	-0.02	140.
145.	0.34	0.45	0.22	0.12	0.34	-0.01	-0.01	145.
150.	0.52	0.49	0.27	0.14	0.57	0.00	-0.00	150.
155.	0.60	0.45	0.26	0.16	0.60	0.01	-0.00	155.
160.	0.64	0.42	0.25	0.17	0.60	0.02	-0.00	160.
165.	0.52	0.44	0.20	0.19	0.12	0.04	0.01	165.
170.	1.20	0.97	0.30	0.27	0.14	0.06	0.01	170.
175.	2.34	0.75	0.47	0.36	0.17	0.00	0.02	175.
180.	2.95	0.07	0.53	0.41	0.22	0.10	0.03	180.
185.	2.70	0.05	0.56	0.44	0.25	0.11	0.04	185.
190.	2.03	0.04	0.59	0.45	0.25	0.13	0.05	190.
195.	2.77	0.09	0.60	0.45	0.25	0.13	0.05	195.
200.	2.69	0.03	0.60	0.45	0.26	0.14	0.05	200.
205.	2.74	0.09	0.59	0.44	0.25	0.14	0.05	205.
210.	2.50	0.00	0.50	0.43	0.25	0.14	0.04	210.
215.	2.20	0.00	0.56	0.41	0.24	0.14	0.04	215.
220.	2.20	0.06	0.53	0.39	0.23	0.14	0.04	220.
225.	1.75	0.72	0.49	0.30	0.22	0.14	0.05	225.
230.	1.57	0.72	0.47	0.30	0.21	0.15	0.05	230.
235.	1.91	0.74	0.50	0.30	0.22	0.15	0.05	235.
240.	2.34	0.77	0.53	0.39	0.22	0.15	0.05	240.
245.	1.01	0.79	0.53	0.39	0.23	0.16	0.06	245.
250.	1.73	0.00	0.53	0.39	0.24	0.16	0.06	250.
255.	1.03	0.01	0.53	0.39	0.24	0.16	0.06	255.
260.	1.04	0.01	0.54	0.40	0.25	0.17	0.06	260.
265.	1.04	0.01	0.55	0.40	0.25	0.17	0.07	265.
270.	2.30	0.77	0.56	0.41	0.26	0.17	0.07	270.
275.	1.91	0.77	0.60	0.42	0.26	0.16	0.07	275.
280.	2.09	0.03	0.66	0.43	0.26	0.16	0.07	280.
285.	2.32	0.00	0.63	0.44	0.27	0.16	0.07	285.
290.	1.02	0.59	0.36	0.36	0.21	0.11	0.06	290.
295.	0.40	0.34	0.13	0.04	0.04	0.01	0.01	295.
300.	-0.77	-0.15	-0.10	-0.17	-0.09	-0.07	-0.02	300.
305.	-1.95	-0.00	-0.36	-0.25	-0.13	-0.07	-0.00	305.
310.	-1.40	-0.50	-0.20	-0.23	-0.12	-0.02	0.01	310.
315.	-1.52	-0.04	-0.02	-0.29	-0.13	-0.03	0.00	315.
320.	-1.05	-0.00	-0.56	-0.35	-0.18	-0.05	-0.00	320.
325.	-1.04	-0.07	-0.53	-0.35	-0.19	-0.04	0.00	325.
330.	-1.07	-0.71	-0.40	-0.33	-0.17	-0.04	0.03	330.
335.	-1.73	-0.73	-0.44	-0.31	-0.16	-0.05	-0.01	335.
340.	-1.70	-0.00	-0.40	-0.33	-0.17	-0.07	-0.01	340.
345.	-1.06	-0.06	-0.52	-0.36	-0.18	-0.00	-0.01	345.
350.	-1.09	-0.05	-0.51	-0.36	-0.19	-0.00	0.00	350.
355.	-1.00	-0.04	-0.51	-0.36	-0.19	-0.00	0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=408 CNTR NO. 5r3 TCN= 4. C.R.= 37.0

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ		CHORD STATION			AZ	
DEG.	9.435	1.952	4.550	10.400	DEG.	
3.	-0.02	-0.02	0.10	-0.01	0.	
5.	-0.03	0.04	0.21	0.02	5.	
10.	-0.04	0.01	0.13	0.05	10.	
15.	0.01	0.01	0.09	0.03	15.	
20.	0.09	0.05	0.09	0.01	20.	
25.	0.19	0.09	0.07	0.02	25.	
30.	0.27	0.12	0.04	0.02	30.	
35.	0.28	0.16	0.01	0.03	35.	
40.	0.26	0.05	-0.00	0.03	40.	
45.	0.20	0.00	0.01	0.02	45.	
50.	0.12	-0.02	0.05	0.02	50.	
55.	0.07	0.02	0.09	0.01	55.	
60.	0.13	0.05	0.09	0.01	60.	
65.	0.14	0.04	0.05	0.02	65.	
70.	0.08	0.04	0.02	0.02	70.	
75.	0.14	0.07	0.04	0.02	75.	
80.	0.23	0.12	0.07	0.02	80.	
85.	0.27	0.14	0.08	0.01	85.	
90.	0.16	0.13	0.05	0.01	90.	
95.	0.09	0.11	0.03	0.00	95.	
100.	0.09	0.09	0.03	0.00	100.	
105.	0.10	0.08	0.03	0.00	105.	
110.	0.07	0.08	0.03	0.00	110.	
115.	0.11	0.09	0.03	0.01	115.	
120.	0.20	0.09	0.02	0.01	120.	
125.	0.14	0.08	0.01	-0.00	125.	
130.	0.05	0.08	-0.00	-0.01	130.	
135.	0.05	0.07	-0.00	-0.01	135.	
140.	0.07	0.05	0.00	-0.01	140.	
145.	0.02	0.03	-0.01	-0.01	145.	
150.	-0.04	0.01	-0.02	-0.01	150.	
155.	-0.07	-0.01	-0.02	-0.02	155.	
160.	-0.03	-0.01	-0.01	-0.00	160.	
165.	0.02	-0.00	0.00	0.00	165.	
170.	0.04	0.01	0.00	0.00	170.	
175.	0.01	0.02	0.00	0.00	175.	
180.	-0.01	0.01	-0.00	0.00	180.	
185.	-0.02	0.00	0.00	0.01	185.	
190.	-0.03	-0.01	0.01	0.01	190.	
195.	-0.04	-0.02	0.01	0.02	195.	
200.	-0.07	-0.03	0.00	0.02	200.	
205.	-0.10	-0.03	-0.01	0.00	205.	
210.	-0.10	-0.04	-0.03	0.01	210.	
215.	-0.03	-0.04	-0.04	0.01	215.	
220.	0.04	-0.04	-0.04	0.01	220.	
225.	0.02	-0.04	-0.04	0.01	225.	
230.	-0.03	-0.03	-0.03	0.01	230.	
235.	-0.09	-0.03	-0.02	0.00	235.	
240.	-0.00	-0.03	-0.02	-0.00	240.	
245.	-0.07	-0.03	-0.03	-0.01	245.	
250.	-0.12	-0.04	-0.04	-0.01	250.	
255.	-0.19	-0.07	-0.05	-0.02	255.	
260.	-0.23	-0.10	-0.05	-0.02	260.	
265.	-0.21	-0.09	-0.04	-0.02	265.	
270.	-0.19	-0.07	-0.03	-0.02	270.	
275.	-0.00	-0.04	-0.03	-0.02	275.	
280.	-0.00	-0.04	-0.05	-0.02	280.	
285.	-0.13	-0.07	-0.07	-0.03	285.	
290.	-0.19	-0.10	-0.08	-0.04	290.	
295.	-0.25	-0.13	-0.08	-0.04	295.	
300.	-0.27	-0.12	-0.07	-0.05	300.	
305.	-0.22	-0.11	-0.07	-0.05	305.	
310.	-0.15	-0.09	-0.06	-0.04	310.	
315.	-0.10	-0.07	-0.06	-0.04	315.	
320.	-0.07	-0.05	-0.05	-0.03	320.	
325.	-0.04	-0.05	-0.05	-0.03	325.	
330.	-0.04	-0.04	-0.06	-0.03	330.	
335.	-0.04	-0.03	-0.07	-0.03	335.	
340.	-0.04	-0.03	-0.07	-0.02	340.	
345.	-0.04	-0.04	-0.06	-0.01	345.	
350.	-0.04	-0.04	-0.06	-0.00	350.	
355.	-0.04	-0.11	-0.02	0.00	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-498 CNTR NO. 563 TCN= 4. C.R.= 37.2

DIFFERENTIAL PRESSURES

SPAN STATION 74.0

AZ	CHORD STATION								AZ
DEC.	2.425	1.240	1.020	2.490	4.250	7.120	10.000	DEC.	
5.	0.14	0.07	0.06	0.04	-0.02	0.01	0.01	5.	
5.	0.38	0.18	0.15	0.08	0.00	0.04	0.03	5.	
10.	0.37	0.19	0.17	0.10	0.03	0.04	0.03	10.	
15.	0.26	0.22	0.19	0.12	0.06	0.05	0.03	15.	
20.	0.16	0.30	0.23	0.16	0.09	0.06	0.03	20.	
25.	0.44	0.36	0.27	0.18	0.11	0.07	0.03	25.	
30.	0.58	0.43	0.30	0.20	0.11	0.07	0.04	30.	
35.	0.65	0.44	0.31	0.21	0.11	0.07	0.04	35.	
40.	0.62	0.41	0.30	0.19	0.11	0.06	0.03	40.	
45.	0.50	0.33	0.24	0.17	0.11	0.05	0.03	45.	
50.	0.29	0.19	0.16	0.14	0.10	0.04	0.03	50.	
55.	0.19	0.17	0.16	0.12	0.10	0.05	0.04	55.	
60.	0.27	0.20	0.16	0.11	0.08	0.05	0.04	60.	
65.	0.24	0.19	0.17	0.11	0.08	0.05	0.03	65.	
70.	0.24	0.20	0.17	0.12	0.08	0.05	0.02	70.	
75.	0.33	0.23	0.16	0.12	0.09	0.06	0.03	75.	
80.	0.31	0.20	0.12	0.09	0.09	0.05	0.02	80.	
85.	0.19	0.14	0.13	0.05	0.00	0.03	0.01	85.	
90.	0.13	0.11	0.10	0.05	0.00	0.03	0.00	90.	
95.	0.12	0.10	0.07	0.05	0.07	0.03	-0.00	95.	
100.	0.11	0.09	0.05	0.05	0.07	0.02	-0.00	100.	
105.	0.10	0.08	0.04	0.04	0.06	0.02	-0.00	105.	
110.	0.08	0.08	0.04	0.03	0.06	0.02	-0.01	110.	
115.	0.07	0.07	0.04	0.02	0.05	0.01	-0.01	115.	
120.	0.06	0.06	0.04	0.01	0.04	0.01	-0.02	120.	
125.	0.06	0.05	0.03	-0.00	0.04	0.00	-0.02	125.	
130.	0.07	0.05	0.03	-0.01	0.03	-0.00	-0.02	130.	
135.	0.04	0.04	0.02	-0.01	0.03	-0.00	-0.02	135.	
140.	0.03	0.03	0.02	-0.00	0.03	-0.01	-0.02	140.	
145.	-0.01	0.03	0.01	-0.01	0.02	-0.01	-0.02	145.	
150.	-0.02	0.02	-0.00	-0.01	0.02	-0.01	-0.02	150.	
155.	-0.02	0.02	-0.02	-0.01	0.02	-0.00	-0.01	155.	
160.	-0.01	0.02	-0.02	-0.00	0.03	0.00	-0.01	160.	
165.	0.01	0.02	-0.02	0.00	0.04	0.01	-0.01	165.	
170.	0.04	0.03	-0.01	0.02	0.05	0.02	-0.00	170.	
175.	0.06	0.03	0.01	0.03	0.06	0.02	-0.00	175.	
180.	0.09	0.07	0.03	0.05	0.07	0.02	-0.00	180.	
185.	0.05	0.06	0.04	0.04	0.07	0.02	-0.00	185.	
190.	0.07	0.07	0.05	0.03	0.06	0.02	-0.00	190.	
195.	0.05	0.05	0.03	0.03	0.04	0.01	-0.00	195.	
200.	-0.02	0.02	0.01	-0.01	0.03	0.00	-0.01	200.	
205.	-0.06	0.02	-0.02	-0.03	0.01	-0.01	-0.02	205.	
210.	-0.11	-0.07	-0.05	-0.04	-0.01	-0.02	-0.02	210.	
215.	-0.17	-0.11	-0.08	-0.06	-0.03	-0.02	-0.03	215.	
220.	-0.24	-0.15	-0.11	-0.07	-0.05	-0.03	-0.03	220.	
225.	-0.27	-0.17	-0.13	-0.08	-0.06	-0.03	-0.03	225.	
230.	-0.24	-0.18	-0.13	-0.10	-0.06	-0.03	-0.03	230.	
235.	-0.22	-0.18	-0.13	-0.10	-0.06	-0.03	-0.03	235.	
240.	-0.21	-0.17	-0.13	-0.10	-0.06	-0.03	-0.03	240.	
245.	-0.21	-0.16	-0.12	-0.10	-0.07	-0.04	-0.02	245.	
250.	-0.21	-0.15	-0.12	-0.09	-0.07	-0.03	-0.02	250.	
255.	-0.21	-0.15	-0.11	-0.09	-0.07	-0.03	-0.02	255.	
260.	-0.21	-0.15	-0.11	-0.09	-0.07	-0.03	-0.02	260.	
265.	-0.21	-0.16	-0.11	-0.08	-0.07	-0.04	-0.01	265.	
270.	-0.22	-0.16	-0.11	-0.08	-0.07	-0.04	-0.01	270.	
275.	-0.22	-0.17	-0.12	-0.08	-0.07	-0.04	-0.01	275.	
280.	-0.22	-0.18	-0.13	-0.08	-0.08	-0.04	-0.01	280.	
285.	-0.22	-0.19	-0.13	-0.08	-0.08	-0.04	-0.01	285.	
290.	-0.22	-0.19	-0.13	-0.08	-0.08	-0.04	-0.00	290.	
295.	-0.23	-0.19	-0.13	-0.08	-0.09	-0.04	-0.00	295.	
300.	-0.24	-0.20	-0.12	-0.09	-0.09	-0.04	-0.00	300.	
305.	-0.24	-0.20	-0.12	-0.09	-0.09	-0.04	-0.00	305.	
310.	-0.25	-0.20	-0.13	-0.09	-0.09	-0.04	-0.00	310.	
315.	-0.25	-0.21	-0.13	-0.09	-0.10	-0.04	0.00	315.	
320.	-0.25	-0.21	-0.13	-0.09	-0.11	-0.04	0.00	320.	
325.	-0.30	-0.21	-0.17	-0.09	-0.12	-0.04	0.00	325.	
330.	-0.31	-0.22	-0.18	-0.10	-0.13	-0.04	-0.00	330.	
335.	-0.30	-0.23	-0.19	-0.12	-0.13	-0.04	-0.00	335.	
340.	-0.31	-0.27	-0.18	-0.13	-0.14	-0.05	-0.00	340.	
345.	-0.38	-0.31	-0.20	-0.13	-0.14	-0.05	0.00	345.	
350.	-0.43	-0.32	-0.21	-0.14	-0.15	-0.05	0.00	350.	
355.	-0.37	-0.22	-0.16	-0.14	-0.07	-0.06	0.01	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=498 CNTR NO. 563 TCM= 4. C.R.= 37.0

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ		CHORD STATION							AZ	
DEG.	2.455	1.040	1.959	2.990	4.550	7.152	10.400		DEG.	
5.	2.14	0.13	0.07	0.09	0.05	3.33	0.02	0.		
5.	0.24	0.25	0.15	0.15	0.08	0.05	0.32	5.		
10.	0.30	0.26	0.20	0.17	0.11	0.06	0.01	10.		
15.	0.36	0.30	0.21	0.17	0.13	0.06	0.02	15.		
20.	2.30	0.34	0.21	0.17	0.14	0.07	0.03	20.		
25.	2.42	0.39	0.26	0.20	0.16	0.09	0.04	25.		
30.	2.63	0.49	0.30	0.20	0.20	0.10	0.04	30.		
35.	2.04	0.50	0.44	0.33	0.24	0.11	0.04	35.		
40.	0.04	0.57	0.40	0.32	0.23	0.11	0.03	40.		
45.	0.72	0.51	0.32	0.20	0.19	0.10	0.04	45.		
50.	0.53	0.61	0.25	0.22	0.14	0.09	0.03	50.		
55.	2.36	0.31	0.21	0.14	0.14	0.07	0.02	55.		
60.	2.34	0.26	0.20	0.14	0.12	0.06	0.02	60.		
65.	0.35	0.26	0.20	0.15	0.12	0.06	0.02	65.		
70.	0.35	0.20	0.20	0.16	0.13	0.06	0.02	70.		
75.	2.33	0.20	0.19	0.15	0.12	0.06	0.02	75.		
80.	2.29	0.25	0.17	0.13	0.11	0.05	0.02	80.		
85.	0.24	0.21	0.14	0.11	0.09	0.04	0.02	85.		
90.	2.23	0.17	0.11	0.09	0.08	0.03	0.01	90.		
95.	0.20	0.15	0.09	0.07	0.07	0.02	0.01	95.		
100.	2.15	0.13	0.07	0.05	0.04	0.01	0.00	100.		
105.	0.10	0.12	0.05	0.03	0.05	0.00	-0.00	105.		
110.	2.06	0.10	0.04	0.01	0.03	-0.01	-0.01	110.		
115.	2.04	0.00	0.02	-0.04	0.02	-0.02	-0.01	115.		
120.	2.04	0.04	0.01	-0.01	0.01	-0.02	-0.01	120.		
125.	0.04	-0.02	-0.02	-0.02	-0.00	-0.03	-0.01	125.		
130.	-0.04	-0.00	-0.04	-0.04	-0.01	-0.03	-0.01	130.		
135.	-0.11	-0.11	-0.06	-0.07	-0.02	-0.03	-0.01	135.		
140.	-0.13	-0.12	-0.08	-0.09	-0.04	-0.03	-0.01	140.		
145.	-0.13	-0.12	-0.10	-0.09	-0.05	-0.03	-0.01	145.		
150.	-0.13	-0.13	-0.11	-0.10	-0.05	-0.03	-0.01	150.		
155.	-0.15	-0.15	-0.11	-0.10	-0.05	-0.03	-0.01	155.		
160.	-0.17	-0.16	-0.12	-0.10	-0.05	-0.03	-0.01	160.		
165.	-0.18	-0.16	-0.12	-0.10	-0.05	-0.03	-0.01	165.		
170.	-0.18	-0.15	-0.12	-0.10	-0.06	-0.02	-0.01	170.		
175.	-0.18	-0.14	-0.12	-0.09	-0.06	-0.02	-0.01	175.		
180.	-0.18	-0.15	-0.12	-0.08	-0.05	-0.02	-0.01	180.		
185.	-0.19	-0.17	-0.12	-0.07	-0.04	-0.03	-0.01	185.		
190.	-0.21	-0.19	-0.13	-0.08	-0.05	-0.03	-0.01	190.		
195.	-0.23	-0.20	-0.14	-0.10	-0.06	-0.03	-0.01	195.		
200.	-0.24	-0.21	-0.15	-0.11	-0.07	-0.04	-0.01	200.		
205.	-0.24	-0.21	-0.15	-0.11	-0.07	-0.03	-0.01	205.		
210.	-0.20	-0.21	-0.14	-0.10	-0.07	-0.03	-0.01	210.		
215.	-0.18	-0.21	-0.13	-0.09	-0.07	-0.03	-0.01	215.		
220.	-0.22	-0.22	-0.12	-0.10	-0.08	-0.03	-0.01	220.		
225.	-0.24	-0.22	-0.11	-0.11	-0.09	-0.03	-0.01	225.		
230.	-0.31	-0.23	-0.13	-0.12	-0.09	-0.03	-0.01	230.		
235.	-0.30	-0.23	-0.14	-0.13	-0.09	-0.03	-0.01	235.		
240.	-0.27	-0.24	-0.16	-0.13	-0.09	-0.04	-0.01	240.		
245.	-0.25	-0.24	-0.17	-0.12	-0.08	-0.04	-0.01	245.		
250.	-0.27	-0.24	-0.17	-0.11	-0.09	-0.04	-0.02	250.		
255.	-0.30	-0.24	-0.16	-0.10	-0.10	-0.05	-0.02	255.		
260.	-0.32	-0.23	-0.18	-0.11	-0.10	-0.05	-0.02	260.		
265.	-0.29	-0.22	-0.15	-0.11	-0.10	-0.04	-0.02	265.		
270.	-0.25	-0.21	-0.13	-0.11	-0.09	-0.04	-0.01	270.		
275.	-0.23	-0.20	-0.11	-0.10	-0.08	-0.03	-0.01	275.		
280.	-0.25	-0.18	-0.10	-0.09	-0.08	-0.03	-0.01	280.		
285.	-0.28	-0.16	-0.10	-0.08	-0.08	-0.03	-0.01	285.		
290.	-0.28	-0.15	-0.09	-0.08	-0.08	-0.03	-0.01	290.		
295.	-0.25	-0.14	-0.08	-0.07	-0.08	-0.03	-0.01	295.		
300.	-0.21	-0.14	-0.07	-0.07	-0.08	-0.03	-0.01	300.		
305.	-0.19	-0.12	-0.06	-0.06	-0.07	-0.03	-0.01	305.		
310.	-0.16	-0.08	-0.05	-0.04	-0.06	-0.03	-0.01	310.		
315.	-0.13	-0.03	-0.03	-0.03	-0.05	-0.02	-0.00	315.		
320.	-0.10	-0.01	-0.02	-0.02	-0.03	-0.01	-0.00	320.		
325.	-0.07	-0.00	-0.01	-0.01	-0.02	-0.01	-0.00	325.		
330.	-0.04	-0.01	-0.01	0.00	-0.01	0.00	-0.00	330.		
335.	-0.04	-0.02	-0.01	0.01	-0.04	0.00	-0.00	335.		
340.	-0.05	-0.05	-0.02	0.00	-0.05	-0.01	-0.00	340.		
345.	-0.06	-0.07	-0.03	-0.02	-0.05	-0.01	-0.01	345.		
350.	-0.07	-0.06	-0.07	-0.03	-0.04	-0.01	-0.01	350.		
355.	-0.04	0.01	-0.04	-0.02	0.00	0.01	0.00	355.		

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=498 CNTR NO. 563 TCN= 4. C.R.= 37.0

DIFFERENTIAL PRESSURES

SPAN STATION 193.3

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.350	7.150	10.400	DEG.
3.	0.52	0.27	0.22	0.14	0.12	0.09	0.03	0.
5.	0.60	0.37	0.32	0.19	0.16	0.13	0.04	5.
15.	0.80	0.47	0.40	0.24	0.18	0.11	0.04	10.
15.	0.86	0.53	0.42	0.27	0.20	0.10	0.04	15.
25.	0.89	0.56	0.42	0.27	0.21	0.09	0.04	20.
25.	0.86	0.54	0.40	0.24	0.20	0.13	0.03	25.
30.	0.78	0.47	0.39	0.25	0.19	0.10	0.03	30.
35.	0.70	0.42	0.37	0.25	0.18	0.10	0.03	35.
40.	0.64	0.42	0.35	0.24	0.16	0.07	0.02	40.
45.	0.58	0.39	0.33	0.24	0.15	0.04	0.02	45.
50.	0.56	0.37	0.30	0.23	0.15	0.06	0.03	50.
55.	0.54	0.35	0.29	0.24	0.15	0.04	0.03	55.
60.	0.55	0.36	0.27	0.24	0.16	0.06	0.03	60.
65.	0.52	0.37	0.25	0.24	0.15	0.05	0.03	65.
70.	0.46	0.36	0.23	0.22	0.14	0.05	0.03	70.
75.	0.39	0.32	0.22	0.14	0.13	0.04	0.03	75.
80.	0.34	0.27	0.22	0.13	0.11	0.03	0.02	80.
85.	0.33	0.26	0.19	0.11	0.10	0.02	0.02	85.
90.	0.30	0.27	0.17	0.10	0.09	0.02	0.01	90.
95.	0.27	0.27	0.16	0.10	0.08	0.01	0.01	95.
100.	0.23	0.25	0.15	0.10	0.07	0.01	0.00	100.
105.	0.24	0.23	0.15	0.10	0.06	0.00	-0.00	105.
110.	0.24	0.22	0.14	0.10	0.05	-0.02	-0.01	110.
115.	0.24	0.21	0.13	0.09	0.05	-0.01	-0.01	115.
120.	0.12	0.17	0.11	0.08	0.02	-0.02	-0.01	120.
125.	-0.04	0.06	0.05	0.02	0.00	-0.04	-0.01	125.
130.	-0.20	-0.02	-0.03	-0.04	-0.03	-0.03	-0.02	130.
135.	-0.34	-0.13	-0.11	-0.10	-0.06	-0.06	-0.01	135.
140.	-0.45	-0.22	-0.16	-0.13	-0.09	-0.06	-0.01	140.
145.	-0.45	-0.22	-0.19	-0.12	-0.11	-0.07	-0.01	145.
150.	-0.34	-0.14	-0.10	-0.09	-0.06	-0.06	-0.01	150.
155.	-0.29	-0.08	-0.10	-0.06	-0.06	-0.06	-0.01	155.
160.	-0.37	-0.14	-0.14	-0.08	-0.06	-0.05	-0.02	160.
165.	-0.44	-0.22	-0.10	-0.09	-0.06	-0.06	-0.02	165.
170.	-0.51	-0.20	-0.22	-0.13	-0.11	-0.07	-0.03	170.
175.	-0.54	-0.30	-0.25	-0.15	-0.12	-0.07	-0.02	175.
180.	-0.54	-0.31	-0.24	-0.16	-0.12	-0.07	-0.02	180.
185.	-0.61	-0.34	-0.30	-0.17	-0.13	-0.07	-0.02	185.
190.	-0.62	-0.36	-0.32	-0.18	-0.13	-0.07	-0.02	190.
195.	-0.64	-0.38	-0.34	-0.19	-0.14	-0.08	-0.03	195.
200.	-0.64	-0.39	-0.34	-0.20	-0.15	-0.08	-0.03	200.
205.	-0.64	-0.37	-0.33	-0.21	-0.15	-0.08	-0.03	205.
210.	-0.64	-0.38	-0.32	-0.21	-0.15	-0.08	-0.03	210.
215.	-0.71	-0.43	-0.31	-0.22	-0.16	-0.07	-0.03	215.
220.	-0.68	-0.46	-0.29	-0.22	-0.17	-0.07	-0.03	220.
225.	-0.63	-0.41	-0.27	-0.22	-0.16	-0.06	-0.02	225.
230.	-0.58	-0.35	-0.25	-0.21	-0.15	-0.06	-0.02	230.
235.	-0.47	-0.30	-0.22	-0.19	-0.12	-0.05	-0.03	235.
240.	-0.36	-0.20	-0.20	-0.16	-0.10	-0.04	-0.03	240.
245.	-0.30	-0.27	-0.10	-0.14	-0.09	-0.03	-0.02	245.
250.	-0.28	-0.26	-0.17	-0.13	-0.08	-0.02	-0.02	250.
255.	-0.29	-0.26	-0.15	-0.12	-0.08	-0.02	-0.02	255.
260.	-0.30	-0.26	-0.15	-0.12	-0.07	-0.02	-0.01	260.
265.	-0.31	-0.26	-0.16	-0.11	-0.09	-0.01	-0.01	265.
270.	-0.32	-0.26	-0.17	-0.11	-0.09	-0.02	-0.01	270.
275.	-0.30	-0.24	-0.17	-0.11	-0.09	-0.02	-0.01	275.
280.	-0.21	-0.20	-0.13	-0.10	-0.07	-0.02	-0.01	280.
285.	-0.18	-0.13	-0.09	-0.09	-0.06	-0.01	-0.01	285.
290.	-0.10	-0.11	-0.07	-0.09	-0.03	0.00	-0.00	290.
295.	-0.13	-0.13	-0.08	-0.07	-0.02	0.01	0.00	295.
300.	-0.12	-0.14	-0.10	-0.06	-0.02	0.01	0.00	300.
305.	-0.10	-0.12	-0.10	-0.06	-0.02	0.02	0.00	305.
310.	-0.05	-0.09	-0.04	-0.05	-0.01	0.02	0.00	310.
315.	0.03	-0.05	-0.03	-0.04	-0.00	0.02	0.00	315.
320.	0.13	-0.01	0.04	-0.01	0.01	0.03	0.00	320.
325.	0.23	0.02	0.04	0.02	0.02	0.03	0.00	325.
330.	0.26	0.05	0.07	0.04	0.02	0.03	0.00	330.
335.	0.26	0.06	0.06	0.04	0.02	0.03	0.01	335.
340.	0.25	0.05	0.05	0.03	0.02	0.04	0.01	340.
345.	0.25	0.05	0.04	0.03	0.02	0.04	0.01	345.
350.	0.29	0.10	0.10	0.05	0.03	0.04	0.02	350.
355.	0.30	0.17	0.15	0.04	0.04	0.04	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=498 CNTR NO. 563 TCN= 4. C.R.= 37.0

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
DEG.	2.555	1.240	1.920	2.920	4.550	7.150	10.400	DEG.
0.	3.58	3.44	0.31	0.18	0.15	0.19	0.03	0.
5.	3.72	3.55	0.37	0.25	0.19	0.13	0.04	5.
15.	3.77	0.62	0.42	0.30	0.22	0.13	0.05	15.
15.	0.71	0.61	0.40	0.30	0.21	0.11	0.04	15.
22.	2.61	0.58	0.35	0.28	0.15	0.09	0.03	20.
25.	3.59	0.56	0.32	0.24	0.17	0.07	0.03	25.
30.	3.62	0.54	0.32	0.24	0.17	0.07	0.03	30.
35.	0.65	0.53	0.32	0.23	0.17	0.07	0.02	35.
45.	3.65	0.52	0.32	0.22	0.16	0.07	0.02	40.
45.	3.63	0.50	0.31	0.21	0.16	0.07	0.01	45.
50.	3.59	0.49	0.29	0.19	0.14	0.06	0.01	50.
55.	3.54	0.46	0.26	0.16	0.12	0.05	0.01	55.
60.	0.46	0.42	0.23	0.13	0.10	0.04	0.01	60.
65.	3.38	0.34	0.18	0.11	0.07	0.03	0.01	65.
70.	0.30	0.25	0.14	0.08	0.05	0.03	0.01	70.
75.	3.22	0.17	0.10	0.06	0.03	0.02	0.00	75.
80.	3.15	0.12	0.07	0.05	0.02	0.01	0.00	80.
85.	3.09	0.09	0.04	0.03	0.01	0.01	-0.00	85.
90.	3.08	0.06	0.03	0.03	0.01	0.00	-0.00	90.
95.	3.09	0.04	0.03	0.02	0.01	0.00	-0.00	95.
100.	0.10	0.01	0.03	0.02	0.01	0.00	-0.00	100.
105.	3.16	-0.02	0.02	0.01	0.01	0.00	-0.01	105.
110.	0.08	-0.05	-0.01	-0.00	-0.01	-0.01	-0.01	110.
115.	0.02	-0.06	-0.04	-0.02	-0.03	-0.02	-0.01	115.
120.	-0.06	-0.11	-0.08	-0.05	-0.05	-0.03	-0.02	120.
125.	-0.20	-0.17	-0.12	-0.09	-0.08	-0.04	-0.02	125.
130.	-0.29	-0.24	-0.16	-0.12	-0.11	-0.05	-0.03	130.
135.	-0.41	-0.33	-0.20	-0.15	-0.15	-0.07	-0.03	135.
140.	-0.50	-0.45	-0.33	-0.17	-0.10	-0.09	-0.03	140.
145.	-0.67	-0.53	-0.39	-0.18	-0.10	-0.05	-0.03	145.
150.	-0.64	-0.50	-0.35	-0.19	-0.15	-0.10	-0.03	150.
155.	-0.53	-0.38	-0.29	-0.19	-0.11	-0.08	-0.02	155.
160.	-0.36	-0.32	-0.22	-0.18	-0.09	-0.06	-0.01	160.
165.	-0.33	-0.32	-0.19	-0.16	-0.10	-0.06	-0.01	165.
170.	-0.39	-0.33	-0.21	-0.15	-0.11	-0.06	-0.02	170.
175.	-0.41	-0.32	-0.23	-0.13	-0.12	-0.06	-0.02	175.
180.	-0.30	-0.31	-0.22	-0.13	-0.10	-0.06	-0.02	180.
185.	-0.40	-0.33	-0.21	-0.14	-0.10	-0.06	-0.02	185.
190.	-0.47	-0.37	-0.23	-0.15	-0.11	-0.06	-0.02	190.
195.	-0.51	-0.40	-0.25	-0.17	-0.12	-0.06	-0.02	195.
200.	-0.46	-0.42	-0.25	-0.18	-0.11	-0.06	-0.02	200.
205.	-0.44	-0.40	-0.24	-0.16	-0.10	-0.06	-0.02	205.
210.	-0.41	-0.30	-0.22	-0.12	-0.08	-0.06	-0.02	210.
215.	-0.28	-0.18	-0.15	-0.11	-0.06	-0.05	-0.02	215.
220.	-0.29	-0.22	-0.15	-0.11	-0.06	-0.04	-0.01	220.
225.	-0.46	-0.34	-0.23	-0.12	-0.12	-0.04	-0.01	225.
230.	-0.54	-0.39	-0.27	-0.12	-0.13	-0.05	-0.00	230.
235.	-0.39	-0.34	-0.22	-0.12	-0.11	-0.04	0.02	235.
240.	-0.28	-0.29	-0.15	-0.12	-0.09	-0.03	0.00	240.
245.	-0.27	-0.26	-0.14	-0.10	-0.06	-0.02	0.01	245.
250.	-0.20	-0.23	-0.12	-0.08	-0.04	-0.01	0.01	250.
255.	-0.25	-0.16	-0.09	-0.07	-0.03	-0.00	0.01	255.
260.	-0.21	-0.13	-0.06	-0.06	-0.02	-0.00	0.01	260.
265.	-0.19	-0.14	-0.06	-0.07	-0.02	-0.00	0.01	265.
270.	-0.21	-0.16	-0.07	-0.08	-0.03	-0.01	0.00	270.
275.	-0.23	-0.17	-0.07	-0.08	-0.04	-0.01	0.00	275.
280.	-0.23	-0.16	-0.08	-0.06	-0.04	-0.02	-0.00	280.
285.	-0.20	-0.13	-0.06	-0.01	-0.04	-0.01	-0.00	285.
290.	-0.10	-0.06	-0.01	0.02	-0.03	-0.00	0.02	290.
295.	-0.00	0.02	0.04	0.03	0.00	0.01	0.00	295.
300.	0.00	0.07	0.08	0.03	0.05	0.03	0.01	300.
305.	0.11	0.10	0.09	0.04	0.06	0.03	0.01	305.
310.	0.09	0.10	0.08	0.04	0.05	0.03	0.01	310.
315.	0.09	0.09	0.08	0.04	0.04	0.03	0.01	315.
320.	0.14	0.10	0.08	0.05	0.05	0.02	0.00	320.
325.	0.23	0.15	0.10	0.06	0.05	0.02	-0.00	325.
330.	0.30	0.20	0.12	0.07	0.05	0.03	-0.01	330.
335.	0.32	0.22	0.13	0.06	0.05	0.03	-0.01	335.
340.	0.31	0.24	0.14	0.06	0.05	0.03	-0.00	340.
345.	0.31	0.25	0.15	0.06	0.07	0.04	0.00	345.
350.	0.29	0.27	0.18	0.08	0.09	0.05	0.01	350.
355.	0.37	0.34	0.24	0.12	0.12	0.07	0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=498 CTR NO. 563 TCN= 4. C.R.= 37.0

DIFFERENTIAL PRESSURES

SPAN STATION 189.0

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.650	2.290	2.950	3.610	4.290	DEG.
3.	0.39	0.29	0.23	0.16	0.07	0.05	0.03	0.
5.	1.46	0.41	0.39	0.30	0.18	0.08	0.05	5.
10.	0.47	0.40	0.41	0.31	0.19	0.08	0.04	10.
15.	0.44	0.39	0.33	0.24	0.13	0.06	0.03	15.
20.	0.39	0.27	0.23	0.17	0.12	0.03	0.02	20.
25.	0.32	0.23	0.21	0.14	0.12	0.03	0.02	25.
30.	0.29	0.24	0.19	0.14	0.14	0.03	0.02	30.
35.	0.33	0.24	0.18	0.14	0.15	0.03	0.02	35.
40.	0.34	0.24	0.19	0.14	0.17	0.03	0.01	40.
45.	0.34	0.25	0.19	0.12	0.14	0.03	0.01	45.
50.	0.31	0.23	0.19	0.09	0.18	0.02	0.01	50.
55.	0.17	0.18	0.18	0.06	0.14	0.01	0.00	55.
60.	0.04	0.09	0.15	0.03	0.15	-0.03	-0.00	60.
65.	-0.06	0.00	0.11	0.00	0.14	-0.02	-0.00	65.
70.	-0.14	-0.09	0.06	-0.03	0.13	-0.03	-0.01	70.
75.	-0.27	-0.17	0.02	-0.05	0.11	-0.04	-0.01	75.
80.	-0.35	-0.23	-0.02	-0.07	0.10	-0.05	-0.01	80.
85.	-0.39	-0.25	-0.07	-0.08	0.09	-0.05	-0.01	85.
90.	-0.39	-0.24	-0.10	-0.09	0.07	-0.04	-0.01	90.
95.	-0.40	-0.21	-0.13	-0.09	0.05	-0.03	-0.01	95.
100.	-0.40	-0.18	-0.14	-0.10	0.04	-0.03	-0.01	100.
105.	-0.40	-0.18	-0.15	-0.10	0.02	-0.03	-0.01	105.
110.	-0.40	-0.19	-0.16	-0.12	-0.00	-0.04	-0.02	110.
115.	-0.42	-0.21	-0.18	-0.12	-0.02	-0.05	-0.02	115.
120.	-0.44	-0.25	-0.20	-0.17	-0.04	-0.05	-0.03	120.
125.	-0.57	-0.31	-0.23	-0.17	-0.07	-0.06	-0.03	125.
130.	-0.56	-0.41	-0.27	-0.17	-0.09	-0.06	-0.03	130.
135.	-0.74	-0.52	-0.34	-0.22	-0.13	-0.07	-0.04	135.
140.	-0.97	-0.62	-0.41	-0.29	-0.17	-0.07	-0.04	140.
145.	-1.03	-0.64	-0.48	-0.33	-0.18	-0.07	-0.04	145.
150.	-0.95	-0.57	-0.47	-0.32	-0.15	-0.04	-0.03	150.
155.	-0.84	-0.42	-0.29	-0.21	-0.09	-0.04	-0.02	155.
160.	-0.78	-0.28	-0.10	-0.10	-0.04	-0.05	-0.02	160.
165.	-0.29	-0.19	-0.05	-0.09	-0.02	-0.04	-0.02	165.
170.	-0.20	-0.15	-0.07	-0.10	-0.00	-0.03	-0.02	170.
175.	-0.27	-0.13	-0.10	-0.10	-0.01	-0.04	-0.02	175.
180.	-0.11	-0.11	-0.09	-0.09	-0.02	-0.03	-0.02	180.
185.	-0.11	-0.13	-0.10	-0.08	-0.04	-0.03	-0.02	185.
190.	-0.13	-0.22	-0.14	-0.08	-0.04	-0.03	-0.02	190.
195.	-0.13	-0.07	-0.12	-0.08	-0.04	-0.02	-0.01	195.
200.	0.19	0.09	-0.03	-0.07	-0.01	-0.01	-0.01	200.
205.	0.03	-0.00	-0.05	-0.03	-0.01	-0.02	-0.01	205.
210.	0.09	0.02	0.05	0.00	0.02	0.01	0.01	210.
215.	0.45	0.30	0.18	0.15	0.04	0.04	0.02	215.
220.	0.18	0.22	0.15	0.12	0.06	0.03	0.00	220.
225.	0.12	-0.01	0.02	-0.00	0.03	0.02	0.00	225.
230.	0.03	-0.05	-0.01	-0.04	-0.01	0.02	0.00	230.
235.	0.12	0.02	0.01	0.00	-0.02	0.02	0.00	235.
240.	0.33	0.17	0.08	0.07	-0.02	0.02	0.00	240.
245.	0.48	0.30	0.15	0.12	-0.01	0.03	0.01	245.
250.	0.57	0.37	0.20	0.13	0.03	0.03	0.01	250.
255.	0.80	0.41	0.23	0.13	0.05	0.04	0.01	255.
260.	0.77	0.18	0.21	0.13	0.05	0.04	0.01	260.
265.	0.60	0.20	0.13	0.12	0.04	0.03	0.01	265.
270.	0.20	0.11	0.05	0.04	-0.02	0.01	0.00	270.
275.	0.06	-0.05	-0.02	-0.02	-0.00	-0.01	-0.00	275.
280.	0.05	-0.01	-0.02	0.01	-0.09	0.01	0.01	280.
285.	0.11	0.10	0.07	0.00	-0.04	0.03	0.01	285.
290.	0.15	0.09	0.08	0.09	-0.05	0.03	0.01	290.
295.	0.19	0.04	0.04	0.08	-0.07	0.05	0.01	295.
300.	0.28	0.09	0.01	0.08	-0.09	0.06	0.02	300.
305.	0.24	0.07	-0.02	0.05	-0.11	0.03	0.02	305.
310.	0.15	0.03	-0.03	0.02	-0.12	0.03	0.02	310.
315.	0.06	-0.01	-0.04	0.02	-0.13	0.03	0.02	315.
320.	0.05	-0.00	-0.04	0.04	-0.12	0.03	0.01	320.
325.	0.09	0.03	-0.06	0.03	-0.13	0.02	0.01	325.
330.	0.12	0.04	-0.07	0.01	-0.13	0.02	0.01	330.
335.	0.14	0.04	-0.07	0.01	-0.13	0.02	0.01	335.
340.	0.09	0.00	-0.04	-0.01	-0.13	0.01	0.01	340.
345.	-0.01	-0.02	-0.04	-0.01	-0.13	0.01	0.01	345.
350.	-0.02	-0.02	0.00	0.01	-0.11	0.00	0.02	350.
355.	0.15	0.15	0.09	0.05	-0.07	0.02	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=498 CNTR NO. 563 TCM= 4. C.R.= 37.0

DIFFERENTIAL PRESSURES

SPAN STATION 199.5

AZ	CHORD STATION							AZ
DEG.	0.452	1.240	1.930	2.690	3.530	4.339	10.439	DEG.
0.	-0.73	-0.16	-0.09	-3.08	-0.05	-0.30	0.02	0.
5.	-2.17	0.21	0.18	0.08	0.07	3.02	0.02	5.
10.	-3.29	0.17	0.61	0.09	0.10	0.32	0.02	10.
15.	-3.59	-0.05	-0.06	0.92	0.39	3.30	0.01	15.
20.	-0.49	-0.19	-0.09	-0.06	0.03	-3.21	0.22	20.
25.	-0.75	-0.12	-0.39	-0.07	0.01	-0.30	-0.31	25.
30.	-0.73	-0.10	-0.88	-0.26	0.00	0.00	-0.01	30.
35.	-0.66	-0.06	-0.06	-3.05	-0.01	-0.01	-0.02	35.
40.	-3.57	-0.03	-0.06	-0.03	-0.02	-0.01	-0.02	40.
45.	-3.46	-0.02	-0.07	-0.01	-0.04	-3.22	-0.03	45.
50.	-3.52	-3.04	-0.11	-0.00	-0.05	-0.04	-0.33	50.
55.	-0.73	-0.18	-0.15	-0.04	-0.07	-0.05	-0.03	55.
60.	-3.94	-0.17	-0.21	-0.12	-0.08	-0.24	-0.03	60.
65.	-1.03	-0.25	-0.44	-3.18	-0.10	-3.08	-0.03	65.
70.	-1.09	-0.31	-0.29	-0.18	-0.11	-3.09	-0.03	70.
75.	-1.22	-3.36	-3.31	-0.19	-0.11	-3.09	-0.04	75.
80.	-1.30	-0.31	-0.24	-0.23	-0.12	-3.09	-0.04	80.
85.	-1.33	-0.43	-0.35	-0.24	-0.12	-0.06	-0.04	85.
90.	-1.07	-0.37	-0.33	-0.22	-0.11	-0.06	-0.03	90.
95.	-0.03	-0.26	-0.24	-0.18	-0.18	-0.06	-0.03	95.
100.	-3.93	-0.23	-0.19	-0.16	-0.08	-0.07	-0.04	100.
105.	1.08	-3.26	-0.20	-0.14	-0.06	-3.27	-0.04	105.
110.	-1.30	-0.31	-0.22	-0.14	-0.26	-0.07	-0.04	110.
115.	-0.04	-0.28	-0.21	-0.14	-0.06	-0.07	-0.04	115.
120.	-0.06	-0.24	-0.23	-0.14	-0.06	-0.07	-0.05	120.
125.	-0.09	-0.21	-0.20	-0.15	-0.07	-0.08	-0.05	125.
130.	-0.08	-0.22	-0.27	-0.18	-0.08	-0.09	-0.05	130.
135.	-1.18	-3.34	-0.33	-0.23	-0.09	-3.18	-0.05	135.
140.	-1.30	-0.42	-0.35	-0.25	-0.11	-0.11	-0.05	140.
145.	-1.25	-0.38	-0.31	-0.18	-0.11	-0.08	-0.04	145.
150.	-0.04	-0.23	-0.19	-3.09	-0.10	-3.05	-0.03	150.
155.	-0.51	-0.11	-0.02	-0.05	-0.08	-0.01	-0.03	155.
160.	-3.38	0.02	0.03	-0.02	-0.04	-0.01	-0.02	160.
165.	-3.24	3.11	0.02	0.05	-0.01	-3.23	-0.02	165.
170.	0.19	0.15	0.07	0.06	0.01	-0.20	-0.01	170.
175.	-0.10	0.15	0.04	0.04	0.03	0.31	-0.01	175.
180.	-0.10	3.06	0.02	-0.00	0.03	-0.01	-0.01	180.
185.	-3.38	-0.06	-3.05	-0.04	0.01	-3.21	-0.01	185.
190.	-0.79	-3.08	-3.15	-0.06	-0.02	0.27	-0.01	190.
195.	-3.01	-0.03	-3.01	-0.05	-0.02	3.01	-0.09	195.
200.	-0.53	0.04	0.10	0.04	0.01	-0.00	0.01	200.
205.	3.03	0.09	-0.02	0.05	0.05	0.01	0.01	205.
210.	0.97	0.20	0.20	0.11	0.09	3.04	0.03	210.
215.	2.13	0.62	0.47	0.32	0.12	3.29	0.05	215.
220.	2.70	0.61	0.48	0.41	0.15	0.11	0.04	220.
225.	2.03	0.46	0.43	0.38	0.19	3.12	0.04	225.
230.	2.45	0.48	0.40	0.31	0.20	0.12	0.05	230.
235.	2.46	0.50	0.44	0.29	0.21	0.12	0.05	235.
240.	2.54	0.50	0.52	0.32	0.21	0.13	0.06	240.
245.	2.04	0.49	0.57	0.35	0.21	3.13	0.06	245.
250.	2.63	0.48	0.59	0.37	0.21	3.13	0.04	250.
255.	2.04	0.52	0.58	0.38	0.28	3.13	0.04	255.
260.	2.87	0.54	0.55	0.37	0.24	0.13	0.06	260.
265.	3.11	0.44	0.49	0.35	0.19	0.11	0.05	265.
270.	1.67	0.35	0.37	0.38	0.16	0.07	0.03	270.
275.	3.55	0.34	0.38	0.24	0.09	3.02	0.01	275.
280.	0.04	0.36	0.16	0.19	0.05	3.24	0.02	280.
285.	1.71	0.35	0.30	0.15	0.06	0.07	0.04	285.
290.	1.44	0.30	0.22	0.15	0.09	0.00	0.02	290.
295.	1.67	0.35	0.25	0.14	0.37	0.07	0.05	295.
300.	1.05	0.28	0.13	0.09	0.33	0.05	0.04	300.
305.	-3.43	0.04	-0.02	-0.07	-0.32	3.23	0.03	305.
310.	-0.65	-0.13	-0.08	-0.12	-0.05	0.01	0.02	310.
315.	-0.47	-0.14	-3.02	-0.13	-0.06	0.09	0.01	315.
320.	-0.24	-0.14	-3.29	-0.12	-0.06	-0.00	0.02	320.
325.	-3.45	-0.16	-0.15	-0.14	-0.06	-0.01	-0.00	325.
330.	-3.68	-0.19	-0.19	-3.17	-0.09	-0.32	-0.01	330.
335.	-3.80	-3.25	-3.21	-0.19	-0.12	-3.03	-0.01	335.
340.	-0.92	-3.33	-0.25	-0.20	-0.15	-0.04	-0.01	340.
345.	-1.07	-0.39	-0.27	-0.20	-0.15	-0.04	-0.03	345.
350.	-1.13	-0.40	-0.27	-0.19	-0.14	-0.03	0.01	350.
355.	-1.33	-0.36	-0.27	-0.16	-0.12	-0.02	0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=902 CNTR NO. 954 TCM= 5. C.P.= 90.1

DIFFERENTIAL PRESSURES

SPAN STATION 92.5

AZ		C M O R D S T A T I O N				AZ
026.	0.455	1.950	4.550	10.400	066.	
0.	0.13	0.09	0.12	-0.00	0.	
5.	0.20	0.10	0.07	0.01	5.	
10.	0.17	0.09	0.09	0.01	10.	
15.	0.19	0.00	0.09	0.00	15.	
20.	0.26	0.13	0.06	-0.00	20.	
25.	0.11	0.09	0.07	-0.00	25.	
30.	0.00	0.03	0.07	-0.00	30.	
35.	0.13	0.07	0.06	0.00	35.	
40.	0.13	0.09	0.06	-0.00	40.	
45.	0.06	0.09	0.09	-0.01	45.	
50.	0.14	0.07	0.09	-0.00	50.	
55.	0.16	0.09	0.09	0.01	55.	
60.	0.21	0.09	0.09	0.01	60.	
65.	0.13	0.08	0.03	0.00	65.	
70.	0.03	0.05	0.02	-0.00	70.	
75.	0.13	0.05	0.04	-0.00	75.	
80.	0.19	0.04	0.04	-0.00	80.	
85.	0.12	0.09	0.02	0.00	85.	
90.	-0.09	0.01	-0.01	0.00	90.	
95.	-0.21	-0.09	-0.03	0.00	95.	
100.	-0.16	-0.04	-0.00	0.00	100.	
105.	0.13	0.02	0.04	0.01	105.	
110.	0.24	0.00	0.03	0.02	110.	
115.	0.09	0.02	0.02	0.02	115.	
120.	-0.02	-0.02	0.01	0.01	120.	
125.	-0.00	-0.03	-0.00	0.00	125.	
130.	-0.06	-0.03	0.00	0.01	130.	
135.	0.04	0.00	0.02	0.02	135.	
140.	0.13	0.03	0.03	0.02	140.	
145.	0.21	0.09	0.04	0.01	145.	
150.	0.17	0.07	0.03	0.00	150.	
155.	0.15	0.09	0.03	0.01	155.	
160.	0.17	0.06	0.03	0.01	160.	
165.	0.20	0.08	0.04	0.01	165.	
170.	0.21	0.08	0.04	0.01	170.	
175.	0.22	0.08	0.03	0.01	175.	
180.	0.20	0.08	0.03	0.00	180.	
185.	0.17	0.07	0.02	0.00	185.	
190.	0.13	0.06	0.01	0.00	190.	
195.	0.09	0.04	0.01	0.01	195.	
200.	0.09	0.02	0.00	0.01	200.	
205.	0.01	-0.00	-0.01	0.01	205.	
210.	-0.03	-0.02	-0.01	0.01	210.	
215.	-0.08	-0.04	-0.02	0.00	215.	
220.	-0.13	-0.09	-0.03	-0.00	220.	
225.	-0.18	-0.07	-0.04	-0.01	225.	
230.	-0.21	-0.06	-0.09	-0.01	230.	
235.	-0.23	-0.08	-0.06	-0.01	235.	
240.	-0.23	-0.09	-0.07	-0.01	240.	
245.	-0.27	-0.10	-0.08	-0.00	245.	
250.	-0.29	-0.11	-0.08	0.00	250.	
255.	-0.30	-0.12	-0.09	0.00	255.	
260.	-0.30	-0.13	-0.09	0.00	260.	
265.	-0.29	-0.13	-0.09	0.00	265.	
270.	-0.28	-0.13	-0.09	0.00	270.	
275.	-0.29	-0.14	-0.09	-0.00	275.	
280.	-0.30	-0.13	-0.08	-0.01	280.	
285.	-0.30	-0.13	-0.08	-0.01	285.	
290.	-0.26	-0.12	-0.08	-0.01	290.	
295.	-0.21	-0.11	-0.07	-0.01	295.	
300.	-0.17	-0.10	-0.06	-0.01	300.	
305.	-0.13	-0.09	-0.06	-0.01	305.	
310.	-0.11	-0.08	-0.09	-0.01	310.	
315.	-0.10	-0.07	-0.04	-0.01	315.	
320.	-0.09	-0.07	-0.04	-0.02	320.	
325.	-0.07	-0.09	-0.03	-0.02	325.	
330.	-0.04	-0.03	-0.02	-0.02	330.	
335.	0.04	-0.00	-0.01	-0.02	335.	
340.	0.11	0.02	0.01	-0.02	340.	
345.	0.13	0.04	0.02	-0.01	345.	
350.	0.02	0.02	0.00	-0.00	350.	
355.	0.04	0.06	0.07	-0.00	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-532 CNTR NO. 354 TCN= 5. C.P.= 50.1

DIFFERENTIAL PRESSURES

SPAN STATION 79.8

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	0.28	0.18	0.14	0.11	0.07	0.05	0.02	0.
5.	0.32	0.22	0.17	0.12	0.09	0.04	0.02	5.
10.	0.32	0.24	0.17	0.13	0.08	0.05	0.01	10.
15.	0.24	0.20	0.15	0.12	0.08	0.05	0.01	15.
20.	0.09	0.09	0.05	0.08	0.08	0.04	0.01	20.
25.	0.05	0.12	0.07	0.08	0.11	0.04	0.01	25.
30.	0.27	0.22	0.14	0.14	0.13	0.07	0.02	30.
35.	0.35	0.21	0.15	0.12	0.11	0.05	0.01	35.
40.	0.29	0.19	0.10	0.07	0.07	0.03	-0.00	40.
45.	0.24	0.17	0.08	0.05	0.04	0.02	0.02	45.
50.	0.24	0.15	0.04	0.04	0.05	0.01	0.05	50.
55.	0.23	0.12	0.04	0.04	0.05	0.00	0.05	55.
60.	0.10	0.08	0.03	0.03	0.03	-0.01	0.05	60.
65.	0.02	0.04	0.02	0.01	0.03	-0.01	0.04	65.
70.	0.14	0.09	0.03	0.03	0.08	0.03	0.04	70.
75.	0.21	0.15	0.03	0.06	0.10	0.01	0.08	75.
80.	0.17	0.06	0.00	0.02	0.07	-0.05	0.07	80.
85.	-0.09	-0.09	-0.07	-0.04	0.04	-0.02	0.05	85.
90.	-0.24	-0.09	-0.08	-0.04	0.04	-0.02	0.06	90.
95.	0.13	0.09	0.04	0.03	0.05	0.03	0.07	95.
100.	0.09	0.05	-0.01	0.01	0.05	-0.01	0.04	100.
105.	-0.10	-0.08	-0.09	-0.03	0.02	-0.01	0.01	105.
110.	-0.21	-0.13	-0.11	-0.03	0.02	-0.01	0.04	110.
115.	-0.00	0.01	-0.01	-0.01	0.03	-0.03	0.03	115.
120.	0.18	0.09	0.07	0.05	0.05	0.01	0.05	120.
125.	0.17	0.09	0.05	0.07	0.05	0.01	0.04	125.
130.	0.05	0.03	0.02	0.04	0.05	0.01	0.04	130.
135.	-0.01	0.01	0.02	0.02	0.03	0.01	0.03	135.
140.	-0.21	0.22	0.04	0.02	0.03	0.01	0.05	140.
145.	0.02	0.05	0.04	0.03	0.04	0.02	0.04	145.
150.	0.09	0.10	0.08	0.05	0.05	0.02	0.03	150.
155.	0.18	0.16	0.11	0.08	0.06	0.03	0.02	155.
160.	0.31	0.23	0.15	0.08	0.06	0.02	0.02	160.
165.	0.42	0.30	0.18	0.09	0.07	0.02	0.03	165.
170.	0.48	0.34	0.20	0.10	0.08	0.02	0.03	170.
175.	0.47	0.34	0.20	0.10	0.09	0.02	0.01	175.
180.	0.41	0.29	0.19	0.10	0.08	0.03	0.00	180.
185.	0.33	0.24	0.17	0.05	0.07	0.03	-0.00	185.
190.	0.25	0.19	0.14	0.07	0.05	0.03	-0.01	190.
195.	0.17	0.13	0.11	0.06	0.05	0.03	-0.02	195.
200.	0.08	0.09	0.09	0.04	0.00	0.02	-0.03	200.
205.	0.01	0.03	0.04	0.02	-0.02	0.01	-0.03	205.
210.	-0.05	-0.02	-0.01	-0.01	-0.04	-0.03	-0.03	210.
215.	-0.10	-0.06	-0.04	-0.03	-0.05	-0.01	-0.04	215.
220.	-0.14	-0.09	-0.06	-0.04	-0.07	-0.02	-0.05	220.
225.	-0.16	-0.11	-0.07	-0.06	-0.08	-0.02	-0.05	225.
230.	-0.16	-0.12	-0.07	-0.07	-0.10	-0.03	-0.05	230.
235.	-0.16	-0.12	-0.08	-0.07	-0.11	-0.03	-0.05	235.
240.	-0.20	-0.14	-0.09	-0.07	-0.11	-0.04	-0.05	240.
245.	-0.29	-0.20	-0.10	-0.09	-0.12	-0.04	-0.06	245.
250.	-0.37	-0.26	-0.13	-0.13	-0.12	-0.04	-0.06	250.
255.	-0.42	-0.31	-0.18	-0.16	-0.13	-0.04	-0.06	255.
260.	-0.44	-0.33	-0.22	-0.17	-0.13	-0.04	-0.05	260.
265.	-0.45	-0.34	-0.23	-0.16	-0.13	-0.04	-0.05	265.
270.	-0.47	-0.35	-0.22	-0.15	-0.13	-0.04	-0.05	270.
275.	-0.47	-0.35	-0.20	-0.15	-0.12	-0.04	-0.05	275.
280.	-0.45	-0.34	-0.19	-0.13	-0.11	-0.04	-0.05	280.
285.	-0.38	-0.31	-0.18	-0.10	-0.10	-0.04	-0.05	285.
290.	-0.21	-0.19	-0.13	-0.08	-0.09	-0.04	-0.04	290.
295.	-0.07	-0.07	-0.08	-0.07	-0.09	-0.05	-0.04	295.
300.	-0.29	-0.19	-0.12	-0.08	-0.09	-0.05	-0.05	300.
305.	-0.47	-0.31	-0.18	-0.14	-0.10	-0.05	-0.05	305.
310.	-0.52	-0.34	-0.20	-0.17	-0.11	-0.05	-0.05	310.
315.	-0.46	-0.31	-0.20	-0.15	-0.11	-0.05	-0.05	315.
320.	-0.34	-0.23	-0.14	-0.11	-0.09	-0.04	-0.04	320.
325.	-0.18	-0.16	-0.12	-0.07	-0.07	-0.03	-0.03	325.
330.	-0.10	-0.09	-0.05	-0.03	-0.05	-0.01	-0.02	330.
335.	-0.03	-0.03	-0.01	0.01	-0.03	0.01	-0.01	335.
340.	0.08	0.04	0.04	0.04	-0.01	0.03	-0.00	340.
345.	0.15	0.09	0.07	0.06	0.02	0.04	0.00	345.
350.	0.19	0.09	0.10	0.08	0.03	0.04	0.00	350.
355.	0.19	0.12	0.10	0.07	0.03	0.04	0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-902 C4TR NO. 354 TCN= 5. C.R.= 90.1

DIFFERENTIAL PRESSURES

SPAN STATION 119.7								
AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	0.05	0.48	0.35	0.29	0.20	0.10	0.04	0.
5.	0.52	0.37	0.31	0.26	0.20	0.09	0.04	5.
10.	0.49	0.30	0.24	0.22	0.18	0.09	0.03	10.
15.	0.44	0.26	0.20	0.16	0.15	0.07	0.02	15.
20.	0.38	0.21	0.15	0.12	0.13	0.04	0.01	20.
25.	0.37	0.17	0.15	0.14	0.12	0.03	0.01	25.
30.	0.29	0.16	0.13	0.11	0.11	0.01	-0.01	30.
35.	0.32	0.16	0.11	0.09	0.10	-0.00	-0.02	35.
40.	0.31	0.17	0.05	0.08	0.10	-0.00	-0.02	40.
45.	0.30	0.16	0.08	0.07	0.09	-0.02	-0.03	45.
50.	0.33	0.14	0.07	0.06	0.08	-0.04	-0.04	50.
55.	0.35	0.11	0.04	0.04	0.08	-0.04	-0.04	55.
60.	0.27	0.08	-0.00	0.00	0.07	-0.05	-0.05	60.
65.	0.27	0.05	0.00	-0.01	0.05	-0.06	-0.05	65.
70.	0.26	0.01	0.01	-0.00	0.05	-0.04	-0.04	70.
75.	0.09	-0.08	-0.08	-0.06	0.03	-0.06	-0.05	75.
80.	0.00	-0.09	-0.08	-0.08	0.03	-0.05	-0.04	80.
85.	0.10	-0.00	-0.04	-0.06	0.08	-0.04	-0.03	85.
90.	-0.11	-0.22	-0.18	-0.15	0.02	-0.06	-0.04	90.
95.	-0.16	-0.25	-0.17	-0.12	-0.01	-0.05	-0.03	95.
100.	0.15	-0.04	-0.04	-0.04	0.03	-0.04	-0.02	100.
105.	0.14	-0.02	-0.03	-0.04	0.04	-0.04	-0.03	105.
110.	-0.07	-0.20	-0.14	-0.12	0.02	-0.04	-0.03	110.
115.	-0.04	-0.19	-0.10	-0.08	0.02	-0.02	-0.01	115.
120.	0.12	-0.03	-0.03	-0.02	0.04	-0.00	-0.01	120.
125.	0.10	0.01	0.01	-0.02	0.04	-0.02	-0.01	125.
130.	0.01	-0.01	-0.04	-0.03	0.02	-0.02	-0.02	130.
135.	-0.08	-0.05	-0.05	-0.04	0.01	-0.01	-0.01	135.
140.	-0.09	-0.04	-0.04	-0.04	0.02	0.00	-0.01	140.
145.	-0.06	-0.01	-0.02	-0.03	0.03	0.01	0.00	145.
150.	-0.02	0.03	0.01	-0.01	0.04	0.02	0.02	150.
155.	0.05	0.08	0.04	0.03	0.05	0.02	0.02	155.
160.	0.14	0.11	0.08	0.06	0.06	0.02	0.02	160.
165.	0.19	0.13	0.12	0.08	0.04	0.04	0.01	165.
170.	0.26	0.19	0.16	0.10	0.07	0.04	0.01	170.
175.	0.30	0.29	0.17	0.12	0.07	0.04	0.02	175.
180.	0.41	0.34	0.18	0.12	0.07	0.04	0.02	180.
185.	0.38	0.33	0.18	0.11	0.06	0.03	0.01	185.
190.	0.28	0.31	0.18	0.12	0.04	0.03	0.01	190.
195.	0.25	0.27	0.17	0.11	0.08	0.02	0.00	195.
200.	0.22	0.23	0.13	0.09	-0.02	0.01	0.00	200.
205.	0.12	0.19	0.07	0.04	-0.04	-0.00	0.00	205.
210.	0.04	0.15	0.04	0.01	-0.05	-0.00	0.01	210.
215.	-0.05	0.02	0.03	-0.01	-0.06	0.00	0.00	215.
220.	-0.19	-0.10	-0.04	-0.02	-0.07	0.01	0.00	220.
225.	-0.39	-0.14	-0.11	-0.06	-0.09	0.02	0.01	225.
230.	-0.58	-0.25	-0.16	-0.11	-0.10	0.02	0.03	230.
235.	-0.64	-0.31	-0.20	-0.15	-0.12	0.01	0.03	235.
240.	-0.64	-0.34	-0.22	-0.17	-0.14	0.01	0.03	240.
245.	-0.62	-0.35	-0.23	-0.17	-0.16	0.00	0.02	245.
250.	-0.64	-0.33	-0.23	-0.16	-0.17	-0.01	0.01	250.
255.	-0.60	-0.30	-0.20	-0.13	-0.16	-0.02	0.01	255.
260.	-0.30	-0.23	-0.08	-0.11	-0.14	-0.02	0.01	260.
265.	-0.07	-0.08	-0.03	-0.05	-0.12	-0.02	0.00	265.
270.	-0.44	-0.24	-0.15	-0.13	-0.16	-0.05	-0.01	270.
275.	-0.77	-0.54	-0.30	-0.25	-0.23	-0.07	-0.02	275.
280.	-0.86	-0.52	-0.34	-0.24	-0.23	-0.00	-0.01	280.
285.	-0.76	-0.44	-0.31	-0.21	-0.22	-0.06	-0.01	285.
290.	-0.60	-0.32	-0.24	-0.15	-0.20	-0.05	-0.00	290.
295.	-0.47	-0.26	-0.16	-0.11	-0.16	-0.04	-0.01	295.
300.	-0.34	-0.37	-0.24	-0.19	-0.18	-0.06	-0.03	300.
305.	-0.65	-0.39	-0.28	-0.21	-0.21	-0.07	-0.01	305.
310.	-0.59	-0.30	-0.23	-0.17	-0.17	-0.04	0.00	310.
315.	-0.44	-0.12	-0.15	-0.09	-0.12	-0.02	0.01	315.
320.	-0.12	-0.02	-0.00	-0.02	-0.04	0.01	0.02	320.
325.	0.05	-0.04	0.04	0.04	-0.01	0.02	0.01	325.
330.	-0.00	-0.15	0.01	0.04	-0.01	0.02	0.01	330.
335.	0.12	0.16	0.09	0.09	0.05	0.05	0.04	335.
340.	0.37	0.34	0.21	0.19	0.13	0.08	0.05	340.
345.	0.59	0.44	0.33	0.26	0.17	0.10	0.05	345.
350.	0.68	0.32	0.30	0.29	0.19	0.11	0.07	350.
355.	0.69	0.52	0.37	0.30	0.20	0.12	0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CNTR NO. 354 TCN= 5. C.R.= 50.1

DIFFERENTIAL PRESSURE

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	1.22	0.73	0.49	0.31	0.24	0.14	0.05	0.
5.	1.03	0.52	0.35	0.22	0.20	0.12	0.04	5.
10.	0.61	0.41	0.23	0.16	0.15	0.09	0.03	10.
15.	0.49	0.45	0.16	0.14	0.12	0.05	0.03	15.
20.	0.35	0.48	0.11	0.09	0.09	0.03	0.02	20.
25.	0.26	0.47	0.06	0.04	0.07	0.00	-0.00	25.
30.	0.20	0.43	0.02	0.03	0.04	-0.02	-0.01	30.
35.	0.17	0.39	-0.00	0.05	0.02	-0.03	-0.01	35.
40.	0.12	0.49	-0.03	0.06	0.02	-0.05	-0.02	40.
45.	0.09	0.40	-0.04	0.07	0.03	-0.07	-0.03	45.
50.	0.06	0.38	-0.07	0.07	0.04	-0.07	-0.04	50.
55.	0.01	0.30	-0.06	0.06	0.05	-0.08	-0.05	55.
60.	-0.07	0.16	-0.07	0.05	0.05	-0.09	-0.06	60.
65.	-0.18	-0.03	-0.12	0.04	0.05	-0.10	-0.07	65.
70.	-0.25	-0.21	-0.14	0.02	0.04	-0.12	-0.07	70.
75.	-0.40	-0.33	-0.29	-0.01	-0.01	-0.15	-0.07	75.
80.	-0.61	-0.55	-0.35	-0.07	-0.05	-0.17	-0.07	80.
85.	-0.56	-0.47	-0.24	-0.06	-0.02	-0.14	-0.06	85.
90.	-0.43	-0.37	-0.23	-0.02	-0.01	-0.13	-0.06	90.
95.	-0.04	-0.59	-0.35	-0.07	-0.04	-0.14	-0.05	95.
100.	-0.48	-0.44	-0.24	0.01	-0.01	-0.11	-0.04	100.
105.	-0.22	-0.21	-0.06	0.06	0.03	-0.09	-0.05	105.
110.	-0.40	-0.28	-0.09	0.05	0.04	-0.08	-0.03	110.
115.	-0.55	-0.36	-0.14	0.05	0.02	-0.04	-0.03	115.
120.	-0.35	-0.22	-0.12	0.06	0.02	-0.05	-0.03	120.
125.	0.00	-0.05	-0.07	0.08	0.03	-0.05	-0.03	125.
130.	0.13	-0.05	-0.05	0.07	0.02	-0.05	-0.03	130.
135.	-0.06	-0.17	-0.06	0.05	0.02	-0.08	-0.05	135.
140.	-0.16	-0.25	-0.08	0.03	0.02	-0.07	-0.03	140.
145.	-0.09	-0.18	-0.08	0.03	0.03	-0.05	-0.02	145.
150.	0.09	-0.07	-0.05	0.05	0.05	-0.04	-0.01	150.
155.	0.18	-0.03	-0.00	0.07	0.07	-0.02	-0.00	155.
160.	0.21	0.04	0.03	0.09	0.08	-0.01	-0.00	160.
165.	0.19	0.17	0.04	0.11	0.08	0.01	0.00	165.
170.	0.18	0.40	0.09	0.13	0.08	0.04	0.02	170.
175.	0.15	0.33	0.13	0.12	0.08	0.05	0.03	175.
180.	0.12	0.48	0.15	0.09	0.08	0.06	0.04	180.
185.	0.09	0.36	0.14	0.08	0.06	0.05	0.02	185.
190.	0.06	0.25	0.12	0.09	0.04	0.07	0.03	190.
195.	0.02	0.16	0.10	0.09	0.01	0.07	0.03	195.
200.	-0.01	0.28	0.05	0.05	-0.01	0.05	0.03	200.
205.	-0.05	0.44	0.08	0.02	-0.03	0.05	0.03	205.
210.	-0.03	0.55	0.08	-0.02	-0.04	0.04	0.02	210.
215.	-0.11	0.36	0.08	-0.05	-0.05	0.04	0.03	215.
220.	-0.14	0.04	0.06	-0.07	-0.05	0.05	0.03	220.
225.	-0.19	-0.76	0.62	-0.09	-0.06	0.04	0.03	225.
230.	-0.23	-0.34	-0.03	-0.12	-0.07	0.06	0.04	230.
235.	-0.24	-0.33	-0.06	-0.12	-0.08	0.05	0.04	235.
240.	-0.17	-0.26	-0.01	-0.08	-0.08	0.06	0.04	240.
245.	-0.03	-0.15	0.04	-0.04	-0.06	0.06	0.04	245.
250.	0.31	0.07	0.11	0.01	-0.03	0.07	0.04	250.
255.	0.12	0.12	0.12	-0.03	-0.04	0.04	0.02	255.
260.	-0.19	-0.36	-0.10	-0.19	-0.13	0.03	0.00	260.
265.	-0.60	-0.71	-0.25	-0.32	-0.22	-0.00	-0.00	265.
270.	-0.63	-0.73	-0.27	-0.34	-0.26	-0.04	-0.01	270.
275.	-0.61	-0.58	-0.20	-0.30	-0.24	-0.05	-0.02	275.
280.	-0.51	-0.56	-0.13	-0.27	-0.20	-0.04	-0.02	280.
285.	-0.62	-0.62	-0.20	-0.29	-0.22	-0.03	-0.02	285.
290.	-0.73	-0.69	-0.27	-0.33	-0.25	-0.05	-0.03	290.
295.	-0.74	-0.71	-0.25	-0.35	-0.25	-0.05	-0.02	295.
300.	-0.66	-0.62	-0.23	-0.32	-0.22	-0.03	-0.01	300.
305.	-0.54	-0.52	-0.23	-0.27	-0.17	-0.02	-0.01	305.
310.	-0.41	-0.44	-0.19	-0.23	-0.13	-0.01	0.01	310.
315.	-0.23	-0.34	-0.08	-0.19	-0.09	0.02	0.03	315.
320.	0.01	-0.20	0.02	-0.10	-0.04	0.05	0.04	320.
325.	0.27	-0.02	0.11	-0.00	0.00	0.08	0.05	325.
330.	0.55	0.22	0.21	0.07	0.05	0.11	0.06	330.
335.	0.80	0.43	0.31	0.14	0.11	0.13	0.06	335.
340.	1.03	0.52	0.45	0.24	0.18	0.15	0.06	340.
345.	1.47	0.77	0.58	0.34	0.24	0.19	0.07	345.
350.	1.62	0.93	0.74	0.33	0.24	0.17	0.06	350.
355.	1.30	0.70	0.46	0.33	0.26	0.14	0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-502 CNTR NO. 354 TCN= 5. C.R.= 50.1

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.950	7.150	10.400	DEG.
0.	0.69	0.50	0.33	0.21	0.18	0.09	0.03	0.
5.	0.52	0.44	0.25	0.16	0.13	0.06	0.02	5.
10.	0.36	0.35	0.19	0.12	0.07	0.02	0.01	10.
15.	0.17	0.19	0.02	0.09	-0.01	-0.01	0.00	15.
20.	-0.09	0.01	-0.12	0.01	-0.08	-0.05	-0.01	20.
25.	-0.26	-0.17	-0.25	-0.04	-0.12	-0.08	-0.01	25.
30.	-0.39	-0.29	-0.33	-0.10	-0.16	-0.10	-0.02	30.
35.	-0.46	-0.36	-0.37	-0.15	-0.19	-0.11	-0.02	35.
40.	-0.49	-0.42	-0.39	-0.18	-0.2.	-0.11	-0.03	40.
45.	-0.52	-0.47	-0.39	-0.21	-0.23	-0.12	-0.03	45.
50.	-0.54	-0.51	-0.41	-0.22	-0.25	-0.13	-0.03	50.
55.	-0.59	-0.45	-0.45	-0.23	-0.26	-0.16	-0.02	55.
60.	-0.66	-0.59	-0.50	-0.24	-0.27	-0.16	-0.03	60.
65.	-0.74	-0.62	-0.55	-0.26	-0.29	-0.17	-0.04	65.
70.	-0.83	-0.65	-0.61	-0.31	-0.31	-0.19	-0.05	70.
75.	-0.86	-0.69	-0.62	-0.35	-0.35	-0.21	-0.06	75.
80.	-1.22	-0.89	-0.69	-0.36	-0.39	-0.21	-0.05	80.
85.	-1.38	-0.92	-0.82	-0.35	-0.41	-0.19	-0.04	85.
90.	-0.84	-0.49	-0.57	-0.32	-0.30	-0.12	-0.03	90.
95.	-0.87	-0.64	-0.56	-0.26	-0.23	-0.11	-0.01	95.
100.	-0.88	-0.65	-0.47	-0.23	-0.22	-0.08	0.00	100.
105.	-0.60	-0.31	-0.29	-0.19	-0.16	-0.07	0.01	105.
110.	-0.27	-0.34	-0.25	-0.17	-0.13	-0.07	-0.01	110.
115.	-0.61	-0.54	-0.34	-0.17	-0.14	-0.05	-0.01	115.
120.	-0.76	-0.56	-0.40	-0.17	-0.16	-0.05	-0.02	120.
125.	-0.66	-0.51	-0.38	-0.18	-0.15	-0.04	-0.02	125.
130.	-0.40	-0.42	-0.28	-0.13	-0.13	-0.04	-0.02	130.
135.	-0.07	-0.31	-0.15	-0.08	-0.10	-0.04	-0.02	135.
140.	0.23	-0.10	-0.02	-0.02	-0.02	-0.02	-0.02	140.
145.	0.43	-0.03	-0.09	0.01	-0.01	-0.02	-0.02	145.
150.	0.52	0.11	0.16	0.03	0.03	0.00	-0.01	150.
155.	0.57	0.11	0.21	0.04	0.06	0.03	-0.01	155.
160.	0.59	0.25	0.24	0.05	0.09	0.05	-0.00	160.
165.	0.59	0.30	0.26	0.06	0.12	0.09	0.01	165.
170.	0.60	0.34	0.28	0.08	0.14	0.09	0.01	170.
175.	0.60	0.37	0.29	0.10	0.16	0.15	0.01	175.
180.	0.62	0.41	0.30	0.12	0.17	0.11	0.02	180.
185.	0.65	0.44	0.32	0.14	0.18	0.11	0.02	185.
190.	0.69	0.48	0.36	0.16	0.18	0.11	0.02	190.
195.	0.73	0.51	0.41	0.17	0.18	0.11	0.02	195.
200.	0.75	0.54	0.44	0.18	0.20	0.11	0.02	200.
205.	0.77	0.47	0.45	0.17	0.21	0.11	0.02	205.
210.	0.77	0.59	0.45	0.17	0.22	0.11	0.01	210.
215.	0.78	0.60	0.46	0.19	0.24	0.11	0.01	215.
220.	0.85	0.63	0.51	0.22	0.26	0.12	0.01	220.
225.	0.97	0.70	0.56	0.26	0.27	0.12	0.01	225.
230.	1.09	0.75	0.61	0.29	0.27	0.12	0.01	230.
235.	1.12	0.80	0.63	0.29	0.25	0.11	0.01	235.
240.	0.97	0.73	0.54	0.25	0.21	0.11	0.01	240.
245.	0.59	0.50	0.41	0.18	0.17	0.11	0.02	245.
250.	0.03	0.24	0.20	0.13	0.15	0.12	0.04	250.
255.	-0.25	0.11	0.08	0.10	0.13	0.13	0.05	255.
260.	-0.24	0.11	0.10	0.10	0.14	0.12	0.05	260.
265.	0.04	0.21	0.21	0.17	0.16	0.11	0.04	265.
270.	0.34	0.29	0.35	0.18	0.18	0.07	0.03	270.
275.	-0.14	0.04	0.13	0.06	0.05	-0.04	0.01	275.
280.	-1.09	-0.39	-0.30	-0.11	-0.12	-0.10	-0.02	280.
285.	-1.16	-0.49	-0.45	-0.22	-0.19	-0.11	-0.02	285.
290.	-0.97	-0.42	-0.37	-0.25	-0.21	-0.11	-0.01	290.
295.	-0.84	-0.44	-0.30	-0.23	-0.19	-0.11	-0.02	295.
300.	-0.79	-0.43	-0.27	-0.17	-0.16	-0.13	-0.02	300.
305.	-0.73	-0.37	-0.24	-0.14	-0.12	-0.09	-0.02	305.
310.	-0.58	-0.28	-0.17	-0.09	-0.07	-0.05	-0.02	310.
315.	-0.35	-0.18	-0.07	-0.04	-0.01	-0.02	-0.01	315.
320.	-0.13	-0.06	0.02	0.04	0.03	0.02	0.01	320.
325.	0.10	0.06	0.13	0.12	0.11	0.05	0.02	325.
330.	0.34	0.20	0.25	0.19	0.17	0.08	0.02	330.
335.	0.55	0.34	0.37	0.23	0.22	0.11	0.03	335.
340.	0.75	0.49	0.43	0.27	0.26	0.13	0.04	340.
345.	0.88	0.56	0.47	0.29	0.27	0.14	0.04	345.
350.	0.94	0.60	0.49	0.29	0.26	0.15	0.04	350.
355.	0.86	0.59	0.43	0.25	0.23	0.12	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CNTR NO. 154 TCM= 5. C.R.= 0.1

DIFFERENTIAL PRESSURES

SPAN STATION 189.0

AZ	CHORD STATION							AZ
LEG.	0.455	1.040	1.490	2.490	4.550	7.150	10.400	DEC.
0.	0.27	0.98	0.44	0.32	0.10	0.11	0.03	0.
5.	0.63	0.42	0.31	0.22	0.09	0.07	0.02	5.
10.	0.37	0.23	0.15	0.12	0.07	0.03	0.01	10.
15.	0.10	-0.00	-0.01	-0.00	0.03	-0.02	-0.01	15.
20.	-0.20	-0.26	-0.17	-0.12	-0.01	-0.05	-0.03	20.
25.	-0.49	-0.44	-0.24	-0.21	-0.04	-0.09	-0.03	25.
30.	-0.67	-0.57	-0.38	-0.28	-0.07	-0.11	-0.04	30.
35.	-0.79	-0.65	-0.43	-0.37	-0.06	-0.13	-0.04	35.
40.	-0.85	-0.68	-0.46	-0.34	-0.03	-0.14	-0.04	40.
45.	-0.89	-0.69	-0.47	-0.34	0.01	-0.15	-0.03	45.
50.	-0.93	-0.72	-0.50	-0.37	0.01	-0.17	-0.05	50.
55.	-1.00	-0.76	-0.52	-0.39	0.00	-0.19	-0.07	55.
60.	-1.10	-0.82	-0.56	-0.44	-0.01	-0.22	-0.09	60.
65.	-1.13	-0.86	-0.60	-0.50	-0.02	-0.25	-0.10	65.
70.	-1.28	-0.95	-0.64	-0.58	-0.05	-0.28	-0.10	70.
75.	-1.53	-1.18	-0.79	-0.64	-0.11	-0.30	-0.12	75.
80.	-1.84	-1.44	-0.90	-0.65	-0.12	-0.33	-0.11	80.
85.	-1.48	-0.96	-0.71	-0.47	-0.01	-0.25	-0.09	85.
90.	-1.54	-0.94	-0.55	-0.32	0.07	-0.15	-0.06	90.
95.	-0.80	-0.46	-0.37	-0.26	0.17	-0.13	-0.03	95.
100.	-0.28	-0.11	-0.10	-0.14	0.26	-0.12	-0.04	100.
105.	-0.47	1.38	-0.08	-0.11	0.29	-0.12	-0.04	105.
110.	-0.74	-0.43	-0.15	-0.12	0.24	-0.09	-0.02	110.
115.	-0.37	-0.18	-0.05	-0.10	0.27	-0.07	-0.02	115.
120.	0.02	0.09	0.07	-0.07	0.24	-0.08	-0.04	120.
125.	0.31	0.23	0.10	-0.06	0.22	-0.12	-0.07	125.
130.	0.28	0.23	0.07	-0.06	0.21	-0.12	-0.06	130.
135.	0.14	0.16	0.04	-0.07	0.20	-0.09	-0.04	135.
140.	0.09	0.19	0.03	-0.09	0.19	-0.07	-0.03	140.
145.	0.05	0.06	0.02	-0.08	0.18	-0.04	-0.02	145.
150.	0.02	0.03	0.02	-0.08	0.17	-0.02	-0.01	150.
155.	0.00	0.02	0.02	-0.07	0.16	-0.00	-0.00	155.
160.	0.03	0.02	0.03	-0.06	0.14	0.01	0.01	160.
165.	0.09	0.05	0.05	-0.03	0.13	0.02	0.01	165.
170.	0.13	0.06	0.07	-0.00	0.12	0.03	0.02	170.
175.	0.17	0.13	0.11	0.05	0.11	0.04	0.02	175.
180.	0.24	0.18	0.16	0.06	0.10	0.05	0.03	180.
185.	0.35	0.24	0.20	0.09	0.09	0.05	0.02	185.
190.	0.43	0.29	0.23	0.12	0.08	0.06	0.02	190.
195.	0.48	0.33	0.23	0.14	0.08	0.06	0.03	195.
200.	0.52	0.36	0.24	0.16	0.06	0.03	0.03	200.
205.	0.56	0.40	0.24	0.17	0.05	0.03	0.03	205.
210.	0.61	0.45	0.28	0.19	-0.02	0.10	0.03	210.
215.	0.65	0.50	0.31	0.22	-0.03	0.11	0.03	215.
220.	0.69	0.54	0.34	0.24	-0.02	0.12	0.04	220.
225.	0.77	0.62	0.37	0.31	-0.01	0.14	0.05	225.
230.	0.89	0.70	0.40	0.39	-0.01	0.15	0.06	230.
235.	1.10	0.92	0.45	0.42	0.04	0.17	0.06	235.
240.	1.38	0.95	0.57	0.48	0.38	0.18	0.06	240.
245.	1.71	1.09	0.70	0.54	0.09	0.19	0.07	245.
250.	1.91	1.23	0.75	0.57	0.08	0.19	0.06	250.
255.	1.77	1.15	0.69	0.50	0.06	0.18	0.05	255.
260.	1.20	0.75	0.30	0.19	0.04	0.10	0.04	260.
265.	0.57	0.23	0.25	0.27	-0.01	0.21	0.04	265.
270.	-0.04	0.05	0.09	0.20	-0.07	0.14	0.11	270.
275.	0.06	0.12	0.17	0.20	-0.14	0.14	0.08	275.
280.	-0.21	-0.20	-0.38	0.04	-0.24	0.07	0.03	280.
285.	-0.96	-0.67	-0.39	-0.22	-0.44	0.03	-0.00	285.
290.	-1.15	-0.87	-0.52	-0.30	-0.56	-0.05	-0.02	290.
295.	-1.17	-0.88	-0.54	-0.30	-0.54	-0.06	-0.03	295.
300.	-1.05	-0.77	-0.50	-0.24	-0.57	-0.08	-0.03	300.
305.	-0.84	-0.54	-0.40	-0.20	-0.51	-0.05	-0.02	305.
310.	-0.58	-0.31	-0.27	-0.17	-0.41	-0.01	-0.00	310.
315.	-0.31	-0.09	-0.14	-0.03	-0.32	0.03	0.01	315.
320.	0.00	0.04	-0.00	0.08	-0.22	0.06	0.03	320.
325.	0.29	0.21	0.14	0.18	-0.13	0.09	0.04	325.
330.	0.55	0.39	0.28	0.24	-0.05	0.12	0.05	330.
335.	0.81	0.57	0.39	0.32	0.01	0.15	0.05	335.
340.	1.03	0.75	0.48	0.34	0.05	0.16	0.06	340.
345.	1.14	0.85	0.54	0.40	0.08	0.15	0.05	345.
350.	1.14	0.83	0.55	0.42	0.10	0.16	0.06	350.
355.	1.04	0.72	0.51	0.38	0.10	0.15	0.05	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-502 CNTR NO. 754 TCH# 5. C.R.# 50.1

DIFFERENTIAL PRESSURES

SPAN STATION 199.5

AZ	CHORD STATION							AZ
LEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	0.93	0.54	0.37	0.24	0.14	0.05	-0.00	0.
5.	0.50	0.34	0.24	0.15	0.07	0.03	-0.02	5.
10.	0.18	0.16	0.10	0.03	-0.01	-0.03	-0.03	10.
15.	-0.06	-0.02	-0.06	-0.09	-0.07	-0.05	-0.04	15.
20.	-0.41	-0.22	-0.22	-0.20	-0.13	-0.10	-0.06	20.
25.	-0.79	-0.43	-0.35	-0.28	-0.17	-0.14	-0.07	25.
30.	-0.94	-0.56	-0.41	-0.33	-0.20	-0.17	-0.08	30.
35.	-0.97	-0.62	-0.45	-0.37	-0.22	-0.19	-0.08	35.
40.	-1.02	-0.66	-0.46	-0.38	-0.23	-0.21	-0.08	40.
45.	-1.10	-0.69	-0.53	-0.40	-0.23	-0.23	-0.08	45.
50.	-1.19	-0.73	-0.57	-0.41	-0.23	-0.24	-0.09	50.
55.	-1.31	-0.77	-0.60	-0.44	-0.24	-0.25	-0.10	55.
60.	-1.45	-0.83	-0.64	-0.49	-0.26	-0.28	-0.11	60.
65.	-1.63	-0.93	-0.71	-0.62	-0.31	-0.31	-0.12	65.
70.	-1.82	-1.17	-0.82	-0.74	-0.34	-0.34	-0.13	70.
75.	-2.13	-1.45	-1.03	-0.77	-0.34	-0.34	-0.14	75.
80.	-2.08	-1.28	-0.87	-0.61	-0.30	-0.28	-0.11	80.
85.	-1.35	-0.69	-0.39	-0.33	-0.15	-0.20	-0.07	85.
90.	-0.04	-0.01	0.04	-0.04	-0.03	-0.13	-0.05	90.
95.	0.13	0.24	0.15	0.10	0.04	-0.10	-0.05	95.
100.	0.18	0.24	0.17	0.12	0.08	-0.13	-0.05	100.
105.	0.57	0.53	0.25	0.10	0.06	-0.11	-0.05	105.
110.	0.93	0.57	0.32	0.09	0.07	-0.13	-0.06	110.
115.	0.45	0.37	0.21	0.03	0.03	-0.13	-0.07	115.
120.	0.03	0.11	0.05	-0.02	0.01	-0.13	-0.07	120.
125.	-0.26	-0.29	-0.09	-0.04	-0.02	-0.13	-0.07	125.
130.	-0.39	-0.22	-0.18	-0.14	-0.06	-0.13	-0.07	130.
135.	-0.43	-0.28	-0.21	-0.17	-0.08	-0.13	-0.06	135.
140.	-0.46	-0.30	-0.23	-0.17	-0.09	-0.11	-0.05	140.
145.	-0.48	-0.30	-0.21	-0.17	-0.09	-0.13	-0.04	145.
150.	-0.46	-0.31	-0.21	-0.15	-0.08	-0.09	-0.03	150.
155.	-0.47	-0.31	-0.20	-0.13	-0.06	-0.07	-0.02	155.
160.	-0.46	-0.28	-0.18	-0.10	-0.05	-0.05	-0.00	160.
165.	-0.41	-0.24	-0.16	-0.06	-0.02	-0.03	0.01	165.
170.	-0.39	-0.19	-0.13	-0.03	-0.00	-0.02	0.02	170.
175.	-0.15	-0.12	-0.10	0.00	0.02	0.03	0.02	175.
180.	-0.05	-0.05	-0.05	0.03	0.04	0.02	0.03	180.
185.	0.03	0.02	0.03	0.05	0.06	0.04	0.04	185.
190.	0.15	0.10	0.04	0.07	0.07	0.05	0.04	190.
195.	0.26	0.17	0.11	0.09	0.07	0.09	0.05	195.
200.	0.31	0.21	0.12	0.12	0.08	0.08	0.05	200.
205.	0.34	0.22	0.12	0.13	0.08	0.09	0.05	205.
210.	0.38	0.23	0.13	0.15	0.08	0.09	0.05	210.
215.	0.44	0.23	0.15	0.16	0.09	0.10	0.05	215.
220.	0.47	0.23	0.18	0.18	0.09	0.12	0.05	220.
225.	0.49	0.25	0.22	0.20	0.11	0.14	0.06	225.
230.	0.58	0.30	0.29	0.22	0.14	0.19	0.06	230.
235.	0.76	0.39	0.34	0.28	0.17	0.18	0.07	235.
240.	1.01	0.54	0.45	0.37	0.22	0.21	0.09	240.
245.	1.33	0.74	0.56	0.48	0.27	0.25	0.10	245.
250.	1.73	1.01	0.72	0.58	0.32	0.28	0.11	250.
255.	2.09	1.26	0.86	0.66	0.34	0.30	0.11	255.
260.	2.49	1.49	0.97	0.71	0.37	0.29	0.10	260.
265.	2.60	1.48	0.97	0.70	0.35	0.27	0.10	265.
270.	2.29	1.16	0.82	0.60	0.31	0.27	0.09	270.
275.	1.25	0.71	0.55	0.50	0.27	0.29	0.10	275.
280.	0.28	0.25	0.34	0.36	0.21	0.23	0.12	280.
285.	-0.19	-0.34	0.00	0.04	0.04	0.18	0.10	285.
290.	-1.22	-0.88	-0.44	-0.24	-0.14	0.06	0.07	290.
295.	-1.72	-1.09	-0.68	-0.41	-0.27	-0.01	0.03	295.
300.	-1.57	-1.02	-0.69	-0.44	-0.31	-0.04	0.01	300.
305.	-1.13	-0.74	-0.52	-0.30	-0.19	-0.01	0.01	305.
310.	-0.53	-0.39	-0.31	-0.17	-0.10	0.04	0.02	310.
315.	-0.15	-0.14	-0.06	-0.08	-0.10	0.07	0.03	315.
320.	0.20	0.09	0.07	-0.00	-0.04	0.04	0.04	320.
325.	0.60	0.29	0.18	0.07	0.01	0.11	0.05	325.
330.	0.59	0.46	0.27	0.16	0.07	0.13	0.05	330.
335.	0.12	0.60	0.28	0.74	0.13	0.15	0.04	335.
340.	0.58	0.70	0.46	0.32	0.18	0.15	0.04	340.
345.	1.35	0.75	0.52	0.37	0.20	0.15	0.04	345.
350.	1.15	0.74	0.33	0.35	0.20	0.13	0.03	350.
355.	1.16	0.68	0.47	0.29	0.18	0.10	0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CNTR NO. 306 TCN= 8. C.R.= 48.1

DIFFERENTIAL PRESSURES

SPAN STATION 92.9

AZ		CHORD STATION				AZ	
DEG.	0.455	1.950	4.550	10.400	DEG.		
0.	-0.11	-0.05	-0.02	-0.01	0.		
5.	-0.14	-0.07	-0.03	-0.02	5.		
10.	-0.18	-0.09	-0.01	-0.03	10.		
15.	-0.20	-0.09	-0.02	-0.03	15.		
20.	-0.09	-0.04	0.01	-0.01	20.		
25.	0.16	0.09	0.08	0.00	25.		
30.	0.37	0.21	0.12	-0.00	30.		
35.	0.22	0.11	0.07	-0.01	35.		
40.	-0.00	-0.02	0.02	-0.00	40.		
45.	-0.05	-0.06	0.01	0.00	45.		
50.	0.02	-0.02	0.02	0.01	50.		
55.	0.06	0.02	0.02	0.01	55.		
60.	0.04	-0.00	0.01	0.02	60.		
65.	-0.01	-0.03	0.00	0.02	65.		
70.	-0.08	-0.06	-0.01	0.01	70.		
75.	-0.14	-0.06	-0.01	0.02	75.		
80.	-0.17	-0.07	-0.01	0.03	80.		
85.	-0.17	-0.07	-0.01	0.03	85.		
90.	-0.14	-0.06	-0.01	0.02	90.		
95.	-0.09	-0.04	0.01	0.03	95.		
100.	-0.02	-0.03	0.03	0.06	100.		
105.	0.06	-0.00	0.05	0.07	105.		
110.	0.13	0.03	0.08	0.07	110.		
115.	0.21	0.07	0.11	0.06	115.		
120.	0.30	0.12	0.13	0.06	120.		
125.	0.37	0.16	0.15	0.07	125.		
130.	0.44	0.20	0.16	0.07	130.		
135.	0.49	0.23	0.16	0.07	135.		
140.	0.52	0.24	0.16	0.06	140.		
145.	0.52	0.25	0.16	0.05	145.		
150.	0.52	0.27	0.16	0.05	150.		
155.	0.59	0.29	0.17	0.05	155.		
160.	0.75	0.33	0.19	0.05	160.		
165.	0.88	0.41	0.22	0.05	165.		
170.	0.95	0.47	0.25	0.05	170.		
175.	0.89	0.44	0.24	0.05	175.		
180.	0.76	0.37	0.21	0.05	180.		
185.	0.59	0.27	0.17	0.06	185.		
190.	0.43	0.20	0.12	0.04	190.		
195.	0.27	0.13	0.07	0.02	195.		
200.	0.13	0.06	0.01	0.02	200.		
205.	0.01	-0.01	-0.05	0.02	205.		
210.	-0.09	-0.07	-0.08	0.01	210.		
215.	-0.18	-0.11	-0.10	-0.01	215.		
220.	-0.26	-0.13	-0.11	-0.02	220.		
225.	-0.30	-0.13	-0.12	-0.03	225.		
230.	-0.32	-0.14	-0.13	-0.03	230.		
235.	-0.34	-0.15	-0.14	-0.02	235.		
240.	-0.34	-0.15	-0.14	-0.02	240.		
245.	-0.33	-0.15	-0.14	-0.03	245.		
250.	-0.32	-0.15	-0.14	-0.03	250.		
255.	-0.30	-0.15	-0.13	-0.03	255.		
260.	-0.30	-0.15	-0.13	-0.02	260.		
265.	-0.30	-0.16	-0.12	-0.02	265.		
270.	-0.30	-0.16	-0.12	-0.03	270.		
275.	-0.30	-0.16	-0.11	-0.05	275.		
280.	-0.30	-0.16	-0.11	-0.07	280.		
285.	-0.31	-0.15	-0.11	-0.08	285.		
290.	-0.32	-0.14	-0.12	-0.09	290.		
295.	-0.33	-0.12	-0.11	-0.09	295.		
300.	-0.33	-0.11	-0.11	-0.09	300.		
305.	-0.31	-0.11	-0.10	-0.08	305.		
310.	-0.28	-0.10	-0.08	-0.06	310.		
315.	-0.24	-0.11	-0.07	-0.04	315.		
320.	-0.20	-0.14	-0.07	-0.04	320.		
325.	-0.15	-0.16	-0.09	-0.05	325.		
330.	-0.10	-0.17	-0.10	-0.05	330.		
335.	-0.04	-0.15	-0.11	-0.04	335.		
340.	0.03	-0.13	-0.10	-0.03	340.		
345.	0.10	-0.11	-0.10	-0.02	345.		
350.	0.16	-0.13	-0.09	-0.03	350.		
355.	0.24	-0.10	-0.08	-0.04	355.		

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-502 CNTR NO. 306 TCN= 0. C.R.= 40.1

DIFFERENTIAL PRESSURES

SPAN STATION 79.0

AZ	CHORD STATION							AZ
CF6.	0.455	1.040	1.950	2.990	4.350	7.142	10.400	DEC.
0.	-0.55	-0.38	-0.26	-0.16	-0.13	-0.07	0.03	0.
5.	-0.50	-0.32	-0.26	-0.17	-0.13	-0.08	0.02	5.
10.	-0.33	-0.18	-0.20	-0.16	-0.09	-0.08	0.01	10.
15.	-0.07	-0.05	-0.11	-0.10	-0.03	-0.05	0.02	15.
20.	0.09	0.04	-0.00	-0.03	0.02	-0.04	0.02	20.
25.	0.15	0.09	0.02	-0.04	0.03	-0.03	0.01	25.
30.	0.20	0.12	0.03	0.02	0.05	-0.02	-0.00	30.
35.	0.26	0.16	0.06	0.03	0.06	-0.01	-0.00	35.
40.	0.33	0.21	0.09	0.05	0.07	-0.00	-0.01	40.
45.	0.37	0.22	0.05	0.05	0.07	-0.01	-0.02	45.
50.	0.33	0.19	0.06	0.04	0.07	-0.02	-0.04	50.
55.	0.24	0.14	0.02	0.02	0.07	-0.03	-0.04	55.
60.	0.11	0.06	-0.02	-0.01	0.06	-0.04	-0.04	60.
65.	-0.01	-0.01	-0.08	-0.04	0.06	-0.05	-0.04	65.
70.	-0.12	-0.08	-0.13	-0.07	0.06	-0.07	-0.04	70.
75.	-0.21	-0.13	-0.18	-0.08	0.05	-0.07	-0.04	75.
80.	-0.26	-0.16	-0.20	-0.09	0.04	-0.07	-0.04	80.
85.	-0.26	-0.16	-0.20	-0.07	0.07	-0.06	-0.04	85.
90.	-0.23	-0.15	-0.18	-0.05	0.11	-0.06	-0.03	90.
95.	-0.17	-0.13	-0.14	-0.02	0.13	-0.04	-0.03	95.
100.	-0.10	-0.08	-0.10	0.02	0.14	-0.01	-0.02	100.
105.	-0.01	-0.02	-0.05	0.06	0.15	0.01	-0.00	105.
110.	0.10	0.07	0.01	0.10	0.16	0.02	-0.00	110.
115.	0.22	0.16	0.07	0.14	0.18	0.05	-0.00	115.
120.	0.32	0.24	0.13	0.17	0.21	0.06	0.01	120.
125.	0.44	0.31	0.20	0.20	0.23	0.07	0.01	125.
130.	0.59	0.43	0.28	0.23	0.24	0.09	0.01	130.
135.	0.76	0.55	0.36	0.26	0.26	0.11	0.01	135.
140.	0.92	0.69	0.44	0.29	0.28	0.13	0.01	140.
145.	1.06	0.78	0.50	0.31	0.30	0.13	0.01	145.
150.	1.16	0.84	0.54	0.34	0.31	0.13	0.01	150.
155.	1.25	0.89	0.58	0.36	0.31	0.14	0.01	155.
160.	1.33	0.92	0.64	0.39	0.31	0.15	0.01	160.
165.	1.39	0.95	0.68	0.41	0.31	0.17	0.02	165.
170.	1.46	0.96	0.69	0.44	0.29	0.19	0.04	170.
175.	1.34	0.93	0.67	0.44	0.29	0.20	0.06	175.
180.	1.23	0.85	0.63	0.42	0.27	0.20	0.06	180.
185.	1.07	0.72	0.56	0.38	0.22	0.18	0.05	185.
190.	0.87	0.55	0.44	0.32	0.17	0.14	0.05	190.
195.	0.64	0.41	0.34	0.24	0.11	0.11	0.04	195.
200.	0.44	0.28	0.23	0.17	0.06	0.08	0.03	200.
205.	0.22	0.16	0.15	0.10	-0.02	0.05	0.01	205.
210.	0.05	0.05	0.07	0.04	-0.07	0.02	-0.00	210.
215.	-0.09	-0.08	0.00	-0.02	-0.10	-0.00	-0.02	215.
220.	-0.21	-0.17	-0.06	-0.07	-0.13	-0.03	-0.03	220.
225.	-0.31	-0.23	-0.11	-0.11	-0.15	-0.05	-0.03	225.
230.	-0.41	-0.28	-0.15	-0.15	-0.18	-0.05	-0.02	230.
235.	-0.48	-0.35	-0.14	-0.17	-0.20	-0.07	-0.02	235.
240.	-0.55	-0.37	-0.21	-0.19	-0.21	-0.07	-0.04	240.
245.	-0.59	-0.40	-0.24	-0.19	-0.22	-0.07	-0.04	245.
250.	-0.62	-0.43	-0.25	-0.20	-0.22	-0.07	-0.03	250.
255.	-0.64	-0.44	-0.27	-0.20	-0.22	-0.07	-0.02	255.
260.	-0.65	-0.47	-0.28	-0.20	-0.22	-0.07	-0.02	260.
265.	-0.67	-0.48	-0.28	-0.19	-0.22	-0.06	-0.02	265.
270.	-0.68	-0.47	-0.29	-0.19	-0.23	-0.06	-0.02	270.
275.	-0.69	-0.47	-0.29	-0.20	-0.23	-0.07	-0.02	275.
280.	-0.71	-0.47	-0.29	-0.21	-0.23	-0.08	-0.02	280.
285.	-0.72	-0.47	-0.30	-0.21	-0.23	-0.08	-0.02	285.
290.	-0.72	-0.47	-0.30	-0.22	-0.23	-0.08	-0.02	290.
295.	-0.72	-0.46	-0.30	-0.23	-0.23	-0.09	-0.02	295.
300.	-0.72	-0.46	-0.29	-0.23	-0.22	-0.09	-0.02	300.
305.	-0.70	-0.45	-0.29	-0.23	-0.21	-0.08	-0.00	305.
310.	-0.68	-0.44	-0.28	-0.21	-0.20	-0.06	0.01	310.
315.	-0.64	-0.42	-0.26	-0.19	-0.20	-0.05	0.02	315.
320.	-0.59	-0.40	-0.24	-0.18	-0.19	-0.04	0.02	320.
325.	-0.54	-0.37	-0.22	-0.16	-0.17	-0.03	0.03	325.
330.	-0.49	-0.34	-0.20	-0.14	-0.14	-0.02	0.04	330.
335.	-0.44	-0.32	-0.17	-0.12	-0.11	-0.00	0.05	335.
340.	-0.40	-0.30	-0.16	-0.11	-0.11	-0.00	0.05	340.
345.	-0.42	-0.33	-0.17	-0.11	-0.11	-0.01	0.04	345.
350.	-0.47	-0.38	-0.21	-0.14	-0.12	-0.03	0.03	350.
355.	-0.52	-0.42	-0.24	-0.17	-0.12	-0.04	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=902 CNTR NO. 306 TCN= 8. C.R.= 48.1

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION							AZ
DEG.	0.499	1.040	1.950	2.990	4.350	7.150	10.400	DEG.
0.	0.27	0.17	0.18	0.14	0.06	0.04	0.01	0.
5.	0.33	0.22	0.20	0.15	0.08	0.03	0.00	5.
10.	0.49	0.28	0.25	0.20	0.11	0.03	0.00	10.
15.	0.57	0.36	0.24	0.22	0.14	0.03	-0.01	15.
20.	0.63	0.35	0.28	0.22	0.14	0.03	-0.02	20.
25.	0.70	0.33	0.30	0.22	0.16	0.03	-0.02	25.
30.	0.79	0.44	0.36	0.24	0.21	0.02	-0.03	30.
35.	0.86	0.51	0.38	0.25	0.24	0.00	-0.04	35.
40.	0.89	0.50	0.36	0.23	0.23	-0.01	-0.05	40.
45.	0.85	0.43	0.31	0.19	0.24	-0.03	-0.06	45.
50.	0.77	0.31	0.20	0.12	0.21	-0.06	-0.08	50.
55.	0.62	0.14	0.06	0.01	0.16	-0.10	-0.09	55.
60.	0.33	-0.03	-0.09	-0.10	0.10	-0.12	-0.09	60.
65.	0.03	-0.19	-0.24	-0.20	0.04	0.16	-0.10	65.
70.	-0.19	-0.38	-0.37	-0.30	-0.02	-0.17	-0.10	70.
75.	-0.36	-0.57	-0.46	-0.36	-0.07	-0.17	-0.10	75.
80.	-0.47	-0.66	-0.50	-0.39	-0.09	-0.17	-0.08	80.
85.	-0.52	-0.66	-0.51	-0.40	-0.09	-0.16	-0.08	85.
90.	-0.51	-0.63	-0.48	-0.39	-0.08	-0.17	-0.08	90.
95.	-0.46	-0.60	-0.45	-0.35	-0.06	-0.15	-0.07	95.
100.	-0.37	-0.53	-0.39	-0.30	-0.05	-0.12	-0.06	100.
105.	-0.20	-0.39	-0.29	-0.23	-0.03	-0.09	-0.05	105.
110.	0.02	-0.20	-0.14	-0.13	0.05	-0.06	-0.04	110.
115.	0.23	0.00	-0.03	-0.04	0.12	-0.03	-0.02	115.
120.	0.37	0.19	0.04	0.01	0.15	-0.01	-0.01	120.
125.	0.46	0.30	0.07	0.05	0.17	0.02	0.01	125.
130.	0.52	0.29	0.10	0.09	0.19	0.04	0.02	130.
135.	0.58	0.34	0.14	0.13	0.20	0.05	0.03	135.
140.	0.66	0.36	0.20	0.17	0.22	0.07	0.04	140.
145.	0.72	0.41	0.25	0.20	0.23	0.09	0.06	145.
150.	0.76	0.50	0.31	0.22	0.24	0.10	0.06	150.
155.	0.77	0.54	0.35	0.25	0.25	0.12	0.06	155.
160.	0.75	0.51	0.38	0.28	0.26	0.13	0.07	160.
165.	0.72	0.54	0.41	0.30	0.25	0.15	0.08	165.
170.	0.70	0.60	0.42	0.31	0.26	0.18	0.10	170.
175.	0.68	0.61	0.44	0.35	0.29	0.18	0.07	175.
180.	0.70	0.64	0.48	0.38	0.23	0.13	0.04	180.
185.	0.85	0.72	0.51	0.38	0.20	0.17	0.07	185.
190.	1.06	0.84	0.63	0.47	0.28	0.21	0.09	190.
195.	1.18	0.92	0.68	0.49	0.26	0.21	0.10	195.
200.	1.00	0.81	0.59	0.42	0.21	0.18	0.10	200.
205.	0.72	0.64	0.47	0.33	0.16	0.16	0.09	205.
210.	0.51	0.49	0.36	0.27	0.11	0.15	0.08	210.
215.	0.30	0.34	0.26	0.21	0.06	0.14	0.08	215.
220.	0.10	0.21	0.18	0.15	0.02	0.12	0.07	220.
225.	-0.08	0.08	0.10	0.08	-0.02	0.10	0.07	225.
230.	-0.27	-0.05	-0.00	0.00	-0.06	0.07	0.06	230.
235.	-0.44	-0.17	-0.10	-0.07	-0.12	0.04	0.05	235.
240.	-0.65	-0.29	-0.20	-0.14	-0.19	0.01	0.03	240.
245.	-0.80	-0.40	-0.28	-0.21	-0.26	-0.03	0.01	245.
250.	-0.93	-0.51	-0.34	-0.25	-0.31	-0.07	-0.02	250.
255.	-1.02	-0.59	-0.38	-0.28	-0.34	-0.10	-0.04	255.
260.	-1.10	-0.66	-0.42	-0.30	-0.35	-0.11	-0.04	260.
265.	-1.16	-0.64	-0.44	-0.32	-0.36	-0.11	-0.03	265.
270.	-1.20	-0.70	-0.45	-0.33	-0.37	-0.11	-0.03	270.
275.	-1.23	-0.69	-0.46	-0.34	-0.38	-0.11	-0.03	275.
280.	-1.23	-0.68	-0.47	-0.35	-0.38	-0.11	-0.03	280.
285.	-1.21	-0.68	-0.47	-0.35	-0.38	-0.11	-0.03	285.
290.	-1.19	-0.68	-0.46	-0.35	-0.36	-0.11	-0.02	290.
295.	-1.15	-0.68	-0.45	-0.33	-0.35	-0.09	-0.02	295.
300.	-1.10	-0.66	-0.44	-0.31	-0.33	-0.08	-0.01	300.
305.	-1.04	-0.63	-0.41	-0.28	-0.32	-0.07	-0.01	305.
310.	-0.96	-0.58	-0.37	-0.24	-0.30	-0.07	-0.01	310.
315.	-0.84	-0.52	-0.32	-0.19	-0.27	-0.05	-0.01	315.
320.	-0.71	-0.43	-0.26	-0.14	-0.23	-0.04	-0.01	320.
325.	-0.57	-0.33	-0.18	-0.09	-0.19	-0.03	0.00	325.
330.	-0.45	-0.22	-0.11	-0.04	-0.14	-0.01	0.01	330.
335.	-0.32	-0.11	-0.04	0.00	-0.09	0.01	0.01	335.
340.	-0.13	-0.01	0.03	0.04	-0.05	0.03	0.01	340.
345.	0.05	0.08	0.11	0.10	-0.01	0.04	0.02	345.
350.	0.18	0.17	0.17	0.14	0.02	0.05	0.02	350.
355.	0.26	0.18	0.18	0.12	0.04	0.04	0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-502 CNTR NO. 306 TCN# 0. C.R.# 48.1

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ		CHORD STATION							AZ
DEG.	0.055	1.040	1.990	2.990	4.050	7.150	10.400	DEG.	
0.	0.98	0.52	0.40	0.20	0.18	0.13	0.07	0.	
5.	0.97	0.62	0.36	0.22	0.19	0.11	0.07	5.	
10.	0.94	0.64	0.34	0.23	0.20	0.10	0.06	10.	
15.	0.91	0.62	0.33	0.23	0.19	0.09	0.06	15.	
20.	0.92	0.59	0.34	0.27	0.18	0.07	0.04	20.	
25.	0.96	0.48	0.35	0.32	0.18	0.05	0.03	25.	
30.	1.03	0.66	0.37	0.35	0.19	0.04	0.00	30.	
35.	1.07	0.76	0.39	0.39	0.20	0.04	-0.01	35.	
40.	1.02	0.74	0.40	0.38	0.20	0.02	-0.01	40.	
45.	0.88	0.68	0.36	0.34	0.16	-0.04	-0.03	45.	
50.	0.61	0.41	0.23	0.24	0.10	-0.03	-0.06	50.	
55.	0.21	0.27	0.02	0.16	0.02	-0.15	-0.08	55.	
60.	-0.25	-0.03	-0.24	0.03	-0.07	-0.21	-0.09	60.	
65.	-0.70	-0.40	-0.44	-0.14	-0.15	-0.27	-0.12	65.	
70.	-1.16	-0.73	-0.60	-0.24	-0.23	-0.31	-0.13	70.	
75.	-1.59	-0.97	-0.64	-0.33	-0.27	-0.36	-0.13	75.	
80.	-1.90	-1.10	-0.55	-0.39	-0.30	-0.40	-0.13	80.	
85.	-2.06	-1.19	-1.07	-0.45	-0.31	-0.43	-0.13	85.	
90.	-2.05	-1.18	-1.04	-0.44	-0.30	-0.40	-0.13	90.	
95.	-1.88	-0.94	-0.91	-0.36	-0.27	-0.35	-0.12	95.	
100.	-1.66	-0.74	-0.78	-0.27	-0.23	-0.30	-0.11	100.	
105.	-1.46	-0.57	-0.70	-0.19	-0.20	-0.25	-0.10	105.	
110.	-1.31	-0.44	-0.62	-0.15	-0.17	-0.25	-0.10	110.	
115.	-1.22	-0.33	-0.55	-0.14	-0.13	-0.22	-0.09	115.	
120.	-1.19	-0.30	-0.55	-0.12	-0.07	-0.19	-0.06	120.	
125.	-1.19	-0.36	-0.45	-0.01	-0.02	-0.12	-0.03	125.	
130.	-0.89	0.12	-0.12	0.19	0.10	-0.05	-0.01	130.	
135.	0.63	0.76	0.33	0.42	0.25	-0.00	-0.00	135.	
140.	1.31	1.07	0.61	0.57	0.39	0.07	0.03	140.	
145.	1.50	1.13	0.73	0.65	0.59	0.14	0.07	145.	
150.	1.56	1.09	0.79	0.68	0.59	0.20	0.10	150.	
155.	1.74	1.11	0.85	0.74	0.63	0.24	0.11	155.	
160.	1.08	1.17	0.90	0.77	0.62	0.24	0.11	160.	
165.	1.89	1.24	0.92	0.76	0.58	0.27	0.11	165.	
170.	1.85	1.25	0.91	0.70	0.53	0.27	0.09	170.	
175.	1.75	1.13	0.85	0.63	0.44	0.25	0.07	175.	
180.	1.58	0.96	0.75	0.55	0.35	0.21	0.05	180.	
185.	1.33	0.79	0.64	0.46	0.24	0.19	0.04	185.	
190.	1.04	0.61	0.50	0.34	0.18	0.15	0.04	190.	
195.	0.74	0.44	0.39	0.22	0.12	0.13	0.03	195.	
200.	0.49	0.26	0.26	0.13	0.08	0.12	0.04	200.	
205.	0.29	0.07	0.17	0.06	0.06	0.11	0.04	205.	
210.	0.12	-0.07	0.10	0.01	0.01	0.10	0.05	210.	
215.	0.00	-0.13	0.03	-0.04	-0.02	0.09	0.04	215.	
220.	-0.08	-0.19	-0.01	-0.07	-0.03	0.09	0.06	220.	
225.	-0.14	-0.22	-0.04	-0.11	-0.02	0.09	0.06	225.	
230.	-0.19	-0.27	-0.05	-0.14	-0.05	0.09	0.06	230.	
235.	-0.22	-0.29	-0.05	-0.17	-0.08	0.09	0.05	235.	
240.	-0.25	-0.29	-0.05	-0.20	-0.10	0.04	0.04	240.	
245.	-0.26	-0.29	-0.04	-0.23	-0.13	0.09	0.03	245.	
250.	-0.29	-0.29	-0.04	-0.27	-0.16	0.05	0.01	250.	
255.	-0.38	-0.34	-0.07	-0.31	-0.20	0.05	-0.01	255.	
260.	-0.54	-0.49	-0.15	-0.37	-0.26	0.02	-0.03	260.	
265.	-0.77	-0.68	-0.25	-0.46	-0.34	-0.03	-0.05	265.	
270.	-1.05	-0.87	-0.38	-0.55	-0.40	-0.07	-0.07	270.	
275.	-1.29	-1.03	-0.50	-0.62	-0.45	-0.10	-0.08	275.	
280.	-1.37	-1.12	-0.54	-0.65	-0.48	-0.11	-0.07	280.	
285.	-1.37	-1.14	-0.53	-0.65	-0.49	-0.11	-0.06	285.	
290.	-1.33	-1.11	-0.50	-0.64	-0.46	-0.09	-0.04	290.	
295.	-1.23	-1.03	-0.48	-0.67	-0.42	-0.08	-0.02	295.	
300.	-1.11	-0.92	-0.44	-0.58	-0.36	-0.05	-0.01	300.	
305.	-0.94	-0.82	-0.38	-0.52	-0.31	-0.03	0.00	305.	
310.	-0.74	-0.71	-0.31	-0.45	-0.25	0.00	0.01	310.	
315.	-0.51	-0.56	-0.23	-0.37	-0.20	0.03	0.02	315.	
320.	-0.25	-0.37	-0.15	-0.28	-0.15	0.05	0.03	320.	
325.	0.05	-0.18	-0.07	-0.20	-0.10	0.04	0.04	325.	
330.	0.27	0.02	0.03	-0.12	-0.03	0.10	0.04	330.	
335.	0.52	0.21	0.18	-0.02	0.02	0.12	0.04	335.	
340.	0.79	0.34	0.30	0.08	0.08	0.13	0.05	340.	
345.	0.97	0.50	0.38	0.17	0.12	0.14	0.05	345.	
350.	1.05	0.57	0.41	0.19	0.16	0.15	0.07	350.	
355.	1.00	0.47	0.42	0.19	0.15	0.15	0.08	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CNTR NO. 306 TCN= 8. C.R.= 48.1

DIFFERENTIAL PRESSURES

SPAN STATION 178.5

AZ	CHORD STATION							AZ
	0.455	1.040	1.950	2.990	4.550	7.150	10.400	
DEG.								DEG.
0.	1.79	1.18	0.79	0.53	0.45	0.21	0.06	0.
5.	1.51	0.98	0.63	0.46	0.37	0.19	0.05	5.
10.	1.31	0.81	0.50	0.38	0.31	0.15	0.03	10.
15.	1.12	0.67	0.39	0.32	0.25	0.12	0.05	15.
20.	0.99	0.57	0.33	0.29	0.19	0.10	0.05	20.
25.	0.93	0.51	0.32	0.27	0.16	0.09	0.04	25.
30.	0.92	0.52	0.36	0.25	0.17	0.10	0.04	30.
35.	0.96	0.51	0.39	0.24	0.20	0.10	0.04	35.
40.	0.95	0.45	0.35	0.24	0.20	0.07	0.03	40.
45.	0.81	0.32	0.36	0.22	0.17	0.02	0.01	45.
50.	0.54	0.18	0.27	0.15	0.09	-0.06	-0.01	50.
55.	0.16	-0.07	0.02	0.02	-0.11	-0.09	-0.03	55.
60.	-0.29	-0.39	-0.31	-0.16	-0.27	-0.13	-0.05	60.
65.	-0.86	-0.75	-0.56	-0.35	-0.46	-0.29	-0.08	65.
70.	-1.42	-1.14	-0.89	-0.52	-0.61	-0.35	-0.09	70.
75.	-1.83	-1.43	-1.24	-0.67	-0.74	-0.41	-0.10	75.
80.	-2.17	-1.56	-1.45	-0.79	-0.83	-0.44	-0.10	80.
85.	-2.38	-1.54	-1.50	-0.83	-0.85	-0.44	-0.09	85.
90.	-2.44	-1.57	-1.61	-0.82	-0.94	-0.41	-0.06	90.
95.	-2.47	-1.60	-1.60	-0.80	-0.78	-0.35	-0.05	95.
100.	-2.42	-1.55	-1.51	-0.75	-0.67	-0.29	-0.04	100.
105.	-1.76	-1.14	-1.09	-0.59	-0.52	-0.23	-0.05	105.
110.	-0.92	-0.66	-0.66	-0.42	-0.35	-0.18	-0.05	110.
115.	-0.58	-0.77	-0.45	-0.36	-0.27	-0.14	-0.03	115.
120.	-0.51	-0.81	-0.35	-0.33	-0.24	-0.10	-0.02	120.
125.	-0.54	-0.74	-0.40	-0.31	-0.21	-0.07	-0.02	125.
130.	-0.51	-0.64	-0.35	-0.29	-0.18	-0.04	-0.02	130.
135.	-0.37	-0.52	-0.29	-0.25	-0.15	-0.00	-0.02	135.
140.	-0.19	-0.40	-0.18	-0.19	-0.10	0.04	-0.01	140.
145.	-0.01	-0.26	-0.08	-0.13	-0.05	0.07	0.00	145.
150.	0.18	-0.11	0.03	-0.07	0.02	0.10	0.02	150.
155.	0.40	0.06	0.15	-0.01	0.10	0.16	0.03	155.
160.	0.62	0.22	0.25	0.06	0.16	0.17	0.03	160.
165.	0.81	0.37	0.33	0.12	0.21	0.18	0.04	165.
170.	0.93	0.48	0.39	0.16	0.23	0.18	0.04	170.
175.	0.97	0.55	0.41	0.17	0.24	0.15	0.04	175.
180.	0.89	0.55	0.38	0.16	0.22	0.14	0.03	180.
185.	0.73	0.49	0.31	0.14	0.18	0.11	0.02	185.
190.	0.52	0.39	0.22	0.11	0.13	0.09	0.01	190.
195.	0.29	0.10	0.14	0.07	0.09	0.04	0.01	195.
200.	0.10	0.20	0.06	0.03	0.05	0.03	0.00	200.
205.	-0.06	0.11	0.02	0.00	0.03	0.02	-0.00	205.
210.	-0.19	0.03	-0.01	-0.02	0.01	0.01	-0.01	210.
215.	-0.29	-0.03	-0.04	-0.03	-0.01	0.03	-0.02	215.
220.	-0.34	-0.06	-0.05	-0.04	-0.01	-0.02	-0.01	220.
225.	-0.37	-0.07	-0.05	-0.04	-0.01	0.02	-0.03	225.
230.	-0.59	-0.07	-0.02	-0.03	-0.01	0.01	-0.03	230.
235.	-0.87	-0.04	0.02	-0.02	0.01	0.02	-0.08	235.
240.	-1.02	-0.01	0.07	0.01	0.03	0.02	0.00	240.
245.	-0.61	0.04	0.11	0.04	0.05	0.03	0.00	245.
250.	-0.19	0.08	0.15	0.07	0.08	0.03	0.01	250.
255.	-0.09	0.12	0.14	0.10	0.10	0.02	0.01	255.
260.	-0.10	0.17	0.22	0.11	0.12	0.00	0.01	260.
265.	-0.09	0.20	0.24	0.13	0.12	-0.00	0.01	265.
270.	-0.15	0.17	0.22	0.14	0.09	-0.03	-0.00	270.
275.	-0.32	0.05	0.13	0.08	0.03	-0.02	-0.01	275.
280.	-0.58	-0.10	-0.04	-0.03	-0.05	-0.06	-0.02	280.
285.	-0.78	-0.23	-0.20	-0.09	-0.11	-0.13	-0.04	285.
290.	-0.83	-0.28	-0.27	-0.10	-0.12	-0.11	-0.04	290.
295.	-0.74	-0.27	-0.21	-0.09	-0.10	-0.09	-0.03	295.
300.	-0.56	-0.21	-0.13	-0.04	-0.05	-0.05	-0.02	300.
305.	-0.36	-0.11	-0.02	0.01	0.01	-0.02	-0.00	305.
310.	-0.10	0.02	0.12	0.04	0.08	0.02	0.01	310.
315.	0.21	0.18	0.23	0.16	0.16	0.05	0.02	315.
320.	0.56	0.15	0.39	0.23	0.25	0.11	0.03	320.
325.	0.90	0.35	0.54	0.31	0.32	0.12	0.03	325.
330.	1.24	0.79	0.73	0.41	0.40	0.19	0.04	330.
335.	1.58	1.03	0.89	0.50	0.49	0.23	0.05	335.
340.	1.88	1.22	1.01	0.57	0.55	0.25	0.06	340.
345.	2.03	1.32	1.06	0.61	0.58	0.27	0.08	345.
350.	2.07	1.34	1.03	0.61	0.56	0.28	0.05	350.
355.	1.98	1.29	0.92	0.59	0.50	0	0.05	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CNT# NO. 306 TCM# 8. C.R.# 48.1

DIFFERENTIAL PRESSURES

SPAN STATION 199.0

AZ	CHORD STATION							AZ
LEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	NEG.
0.	2.52	1.65	1.09	0.75	0.41	0.27	0.09	0.
5.	1.89	1.34	0.94	0.61	0.44	0.22	0.09	5.
10.	1.50	1.12	0.74	0.51	0.48	0.14	0.08	10.
15.	1.26	0.89	0.62	0.42	0.49	0.13	0.07	15.
20.	1.00	0.73	0.52	0.32	0.40	0.09	0.05	20.
25.	0.85	0.64	0.47	0.30	0.51	0.04	0.03	25.
30.	0.80	0.69	0.51	0.31	0.54	0.03	0.03	30.
35.	0.77	0.67	0.47	0.33	0.60	0.02	0.01	35.
40.	0.69	0.60	0.40	0.40	0.57	-0.03	-0.02	40.
45.	0.51	0.43	0.57	0.28	0.49	-0.04	-0.04	45.
50.	0.23	0.19	0.46	0.14	0.37	-0.11	-0.07	50.
55.	-0.14	-0.12	0.24	-0.09	0.26	-0.21	-0.11	55.
60.	-0.72	-0.55	-0.10	-0.34	0.12	-0.30	-0.14	60.
65.	-1.28	-1.05	-0.52	-0.43	-0.11	-0.39	-0.17	65.
70.	-1.92	-1.45	-0.96	-0.92	-0.42	-0.45	-0.19	70.
75.	-2.50	-1.97	-1.33	-1.12	-0.62	-0.52	-0.20	75.
80.	-2.92	-2.27	-1.59	-1.29	-0.69	-0.55	-0.20	80.
85.	-3.24	-2.54	-1.75	-1.39	-0.67	-0.55	-0.17	85.
90.	-3.51	-2.70	-1.77	-1.35	-0.58	-0.50	-0.14	90.
95.	-3.13	-2.29	-1.39	-1.08	-0.48	-0.41	-0.12	95.
100.	-2.44	-1.51	-0.92	-0.93	-0.37	-0.35	-0.13	100.
105.	-1.83	-1.23	-0.70	-0.69	-0.25	-0.34	-0.13	105.
110.	-1.77	-1.19	-0.67	-0.45	-0.14	-0.31	-0.11	110.
115.	-1.80	-1.21	-0.67	-0.65	-0.10	-0.29	-0.09	115.
120.	-1.74	-1.21	-0.63	-0.62	-0.09	-0.25	-0.07	120.
125.	-1.60	-1.09	-0.63	-0.56	-0.10	-0.22	-0.06	125.
130.	-1.42	-0.87	-0.56	-0.49	-0.11	-0.19	-0.05	130.
135.	-1.21	-0.68	-0.47	-0.43	-0.08	-0.15	-0.03	135.
140.	-0.98	-0.54	-0.37	-0.36	-0.04	-0.11	-0.02	140.
145.	-0.74	-0.39	-0.26	-0.27	0.00	-0.07	0.00	145.
150.	-0.49	-0.23	-0.15	-0.16	0.05	-0.01	0.02	150.
155.	-0.21	-0.04	-0.02	-0.05	0.09	0.04	0.04	155.
160.	0.07	0.14	0.11	0.06	0.09	0.09	0.05	160.
165.	0.34	0.31	0.22	0.14	0.12	0.12	0.06	165.
170.	0.55	0.44	0.28	0.20	0.18	0.13	0.06	170.
175.	0.67	0.50	0.30	0.22	0.22	0.13	0.05	175.
180.	0.70	0.47	0.28	0.20	0.20	0.11	0.04	180.
185.	0.62	0.39	0.23	0.14	0.14	0.10	0.04	185.
190.	0.47	0.28	0.15	0.11	0.06	0.08	0.03	190.
195.	0.30	0.16	0.06	0.06	-0.02	0.07	0.02	195.
200.	0.11	0.04	-0.03	0.04	-0.16	0.05	0.02	200.
205.	-0.06	-0.05	-0.10	0.03	-0.14	0.05	0.02	205.
210.	-0.18	-0.12	-0.14	-0.01	-0.21	0.05	0.01	210.
215.	-0.28	-0.17	-0.18	-0.05	-0.26	0.05	0.01	215.
220.	-0.34	-0.20	-0.21	-0.06	-0.30	0.05	0.02	220.
225.	-0.34	-0.20	-0.22	-0.06	-0.32	0.04	0.03	225.
230.	-0.32	-0.17	-0.21	-0.04	-0.32	0.07	0.03	230.
235.	-0.26	-0.12	-0.18	0.00	-0.31	0.08	0.04	235.
240.	-0.14	0.04	-0.14	0.04	-0.29	0.10	0.04	240.
245.	-0.01	0.01	-0.10	0.09	-0.28	0.11	0.04	245.
250.	0.12	0.08	-0.05	0.13	-0.27	0.11	0.04	250.
255.	0.18	0.14	-0.01	0.17	-0.24	0.11	0.03	255.
260.	-0.02	0.20	0.04	0.20	-0.24	0.11	0.02	260.
265.	-0.25	0.25	0.08	0.22	-0.24	0.11	0.02	265.
270.	-0.05	0.27	0.11	0.24	-0.25	0.13	0.03	270.
275.	0.34	0.24	0.12	0.23	-0.25	0.13	0.03	275.
280.	0.15	0.04	0.01	0.14	-0.24	0.09	0.01	280.
285.	-0.14	-0.14	-0.14	0.03	-0.32	0.05	-0.01	285.
290.	-0.32	-0.27	-0.24	-0.04	-0.34	0.04	-0.02	290.
295.	-0.33	-0.24	-0.23	-0.03	-0.30	0.05	0.00	295.
300.	-0.17	-0.10	-0.15	0.03	-0.20	0.09	0.02	300.
305.	0.11	0.11	-0.01	0.13	-0.09	0.11	0.04	305.
310.	0.44	0.38	0.13	0.24	0.01	0.15	0.06	310.
315.	0.80	0.64	0.29	0.37	0.12	0.19	0.07	315.
320.	1.30	0.90	0.44	0.50	0.24	0.22	0.07	320.
325.	1.63	1.15	0.64	0.64	0.34	0.24	0.04	325.
330.	2.08	1.41	0.90	0.78	0.47	0.30	0.10	330.
335.	2.59	1.67	1.09	0.87	0.55	0.32	0.11	335.
340.	3.00	1.92	1.22	0.95	0.57	0.34	0.12	340.
345.	3.43	2.03	1.29	0.97	0.51	0.34	0.12	345.
350.	3.49	1.98	1.26	0.92	0.40	0.31	0.10	350.
355.	3.16	1.82	1.16	0.84	0.34	0.29	0.09	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CWT# NO. 308 TCA= P. C.R.= 48.1

DIFFERENTIAL PRESSURES

SPAN STATION 199.5

AZ	CHORD STATICA								AZ
DEG.	0.455	1.040	1.650	2.090	2.550	3.150	3.840	4.600	DEG.
0.	3.48	1.42	0.84	0.64	0.37	0.23	0.01	0.	0.
5.	2.13	1.32	0.65	0.42	0.30	0.15	-0.02	5.	5.
10.	1.38	1.04	0.48	0.38	0.25	0.11	-0.03	10.	10.
15.	1.02	0.82	0.32	0.27	0.21	0.04	-0.03	15.	15.
20.	0.84	0.68	0.24	0.22	0.19	-0.01	-0.04	20.	20.
25.	0.64	0.62	0.24	0.22	0.19	-0.05	-0.07	25.	25.
30.	0.58	0.60	0.22	0.15	0.20	-0.07	-0.08	30.	30.
35.	0.57	0.62	0.12	0.24	0.21	-0.09	-0.08	35.	35.
40.	0.49	0.46	0.61	0.24	0.20	-0.14	-0.12	40.	40.
45.	0.25	0.44	1.00	0.16	0.14	-0.22	-0.15	45.	45.
50.	-0.10	0.45	1.43	0.03	0.34	-0.33	-0.17	50.	50.
55.	-0.54	0.06	1.43	-0.13	-0.09	-0.37	-0.19	55.	55.
60.	-1.11	-0.41	1.13	-0.32	-0.23	-0.45	-0.22	60.	60.
65.	-1.79	-0.93	0.56	-0.52	-0.37	-0.43	-0.22	65.	65.
70.	-2.44	-1.42	-0.10	-0.78	-0.49	-0.59	-0.23	70.	70.
75.	-3.09	-1.91	-0.95	-1.02	-0.58	-0.63	-0.24	75.	75.
80.	-3.60	-2.34	-1.50	-1.15	-0.63	-0.62	-0.21	80.	80.
85.	-3.70	-2.33	-1.41	-1.05	-0.57	-0.59	-0.18	85.	85.
90.	-2.95	-1.77	-0.76	-0.86	-0.48	-0.53	-0.16	90.	90.
95.	-2.56	-1.44	-0.27	-0.73	-0.40	-0.47	-0.14	95.	95.
100.	-2.57	-1.42	-0.30	-0.73	-0.35	-0.44	-0.13	100.	100.
105.	-2.67	-1.47	-0.59	-0.73	-0.33	-0.41	-0.14	105.	105.
110.	-2.65	-1.41	-0.85	-0.73	-0.31	-0.39	-0.11	110.	110.
115.	-2.57	-1.51	-1.04	-0.70	-0.30	-0.35	-0.06	115.	115.
120.	-2.43	-1.40	-1.06	-0.65	-0.27	-0.34	-0.03	120.	120.
125.	-2.24	-1.24	-0.98	-0.59	-0.27	-0.32	-0.03	125.	125.
130.	-2.01	-1.09	-0.86	-0.53	-0.23	-0.29	-0.02	130.	130.
135.	-1.75	-0.95	-0.79	-0.44	-0.19	-0.24	0.00	135.	135.
140.	-1.50	-0.80	-0.70	-0.41	-0.15	-0.19	0.03	140.	140.
145.	-1.27	-0.64	-0.59	-0.33	-0.10	-0.13	0.03	145.	145.
150.	-1.02	-0.44	-0.47	-0.23	-0.05	-0.08	0.01	150.	150.
155.	-0.72	-0.28	-0.34	-0.13	0.01	-0.07	0.02	155.	155.
160.	-0.39	-0.10	-0.24	-0.02	0.04	0.03	0.04	160.	160.
165.	-0.09	0.04	-0.14	0.00	0.10	0.09	0.04	165.	165.
170.	0.15	0.19	-0.05	0.15	0.13	0.11	0.08	170.	170.
175.	0.30	0.26	0.00	0.17	0.15	0.13	0.08	175.	175.
180.	0.36	0.26	0.00	0.17	0.14	0.13	0.07	180.	180.
185.	0.35	0.22	-0.04	0.15	0.11	0.13	0.04	185.	185.
190.	0.27	0.15	-0.10	0.12	0.08	0.14	0.04	190.	190.
195.	0.15	0.07	-0.14	0.04	0.05	0.13	0.04	195.	195.
200.	0.01	-0.03	-0.21	0.03	0.01	0.13	0.04	200.	200.
205.	-0.15	-0.12	-0.27	-0.01	-0.02	0.12	0.07	205.	205.
210.	-0.29	-0.21	-0.31	-0.04	-0.05	0.12	0.05	210.	210.
215.	-0.41	-0.29	-0.35	-0.06	-0.07	0.11	0.05	215.	215.
220.	-0.46	-0.34	-0.36	-0.06	-0.08	0.12	0.06	220.	220.
225.	-0.47	-0.34	-0.34	-0.05	-0.08	0.14	0.08	225.	225.
230.	-0.41	-0.32	-0.34	-0.04	-0.07	0.16	0.08	230.	230.
235.	-0.32	-0.26	-0.30	-0.01	-0.04	0.13	0.09	235.	235.
240.	-0.19	-0.17	-0.25	0.02	-0.04	0.22	0.10	240.	240.
245.	-0.05	-0.09	-0.18	0.04	-0.02	0.24	0.11	245.	245.
250.	0.10	0.01	-0.12	0.10	-0.00	0.25	0.11	250.	250.
255.	0.25	0.10	-0.06	0.16	0.01	0.25	0.11	255.	255.
260.	0.40	0.17	0.00	0.21	0.03	0.25	0.12	260.	260.
265.	0.53	0.24	0.06	0.24	0.05	0.27	0.12	265.	265.
270.	0.63	0.32	0.11	0.26	0.07	0.24	0.11	270.	270.
275.	0.70	0.41	0.13	0.29	0.08	0.25	0.11	275.	275.
280.	0.63	0.40	0.12	0.27	0.08	0.25	0.10	280.	280.
285.	0.39	0.24	-0.01	0.16	0.01	0.27	0.08	285.	285.
290.	0.04	0.08	-0.13	0.07	-0.05	0.19	0.04	290.	290.
295.	-0.04	-0.04	-0.18	0.02	-0.08	0.15	0.05	295.	295.
300.	0.13	0.06	-0.13	0.06	-0.05	0.17	0.04	300.	300.
305.	0.48	0.27	-0.01	0.14	0.01	0.13	0.07	305.	305.
310.	0.89	0.52	0.14	0.27	0.08	0.23	0.08	310.	310.
315.	1.33	0.80	0.37	0.39	0.16	0.27	0.08	315.	315.
320.	1.75	1.08	0.51	0.51	0.25	0.33	0.08	320.	320.
325.	2.19	1.35	0.70	0.63	0.34	0.32	0.08	325.	325.
330.	2.78	1.61	0.85	0.76	0.42	0.34	0.08	330.	330.
335.	3.37	1.84	1.03	0.86	0.47	0.27	0.08	335.	335.
340.	4.48	2.00	1.12	0.92	0.50	0.35	0.08	340.	340.
345.	4.92	2.03	1.15	0.92	0.49	0.33	0.06	345.	345.
350.	4.87	1.97	1.18	0.85	0.46	0.29	0.03	350.	350.
355.	4.56	1.84	1.00	0.75	0.42	0.25	0.02	355.	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-524 CTR NO. 269 TCN= 11. C.R.= 62.0

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ		CHORD STATION			AZ	
DEC.	0.455	1.950	4.550	10.400	DEC.	
0.	-0.32	-0.14	-0.04	-0.02	0.	
5.	-0.13	-0.09	-0.03	-0.01	5.	
10.	-0.07	-0.04	-0.01	-0.01	10.	
15.	0.03	0.01	0.01	0.00	15.	
20.	0.19	0.06	0.03	0.01	20.	
25.	0.24	0.09	0.04	-0.01	25.	
30.	0.15	0.03	0.02	-0.03	30.	
35.	0.02	0.02	0.01	-0.02	35.	
40.	0.18	0.06	0.05	-0.01	40.	
45.	0.19	0.08	0.08	0.00	45.	
50.	0.15	0.05	0.07	0.01	50.	
55.	0.18	0.06	0.05	0.01	55.	
60.	0.18	0.05	0.04	0.01	60.	
65.	0.13	0.04	0.02	0.00	65.	
70.	0.07	-0.01	-0.02	0.00	70.	
75.	-0.21	-0.06	-0.04	0.01	75.	
80.	0.11	0.01	0.03	0.02	80.	
85.	0.41	0.19	0.10	0.02	85.	
90.	0.30	0.13	0.06	0.02	90.	
95.	0.20	0.06	0.04	0.01	95.	
100.	0.17	0.04	0.03	0.02	100.	
105.	0.15	0.02	0.03	0.03	105.	
110.	0.13	-0.01	0.04	0.03	110.	
115.	0.04	-0.01	0.06	0.03	115.	
120.	0.00	0.05	0.07	0.03	120.	
125.	0.09	0.17	0.10	0.03	125.	
130.	0.00	0.26	0.13	0.03	130.	
135.	0.03	0.29	0.14	0.03	135.	
140.	0.05	0.29	0.14	0.02	140.	
145.	0.03	0.27	0.14	0.02	145.	
150.	0.06	0.24	0.13	0.02	150.	
155.	0.06	0.24	0.12	0.02	155.	
160.	0.06	0.24	0.12	0.02	160.	
165.	0.05	0.24	0.12	0.02	165.	
170.	0.02	0.23	0.12	0.02	170.	
175.	0.07	0.22	0.11	0.02	175.	
180.	0.01	0.22	0.10	0.01	180.	
185.	0.04	0.18	0.09	0.01	185.	
190.	0.04	0.16	0.08	0.02	190.	
195.	0.02	0.12	0.06	0.02	195.	
200.	0.14	0.07	0.04	0.03	200.	
205.	0.07	0.03	0.02	0.03	205.	
210.	-0.00	-0.01	-0.01	0.03	210.	
215.	-0.08	-0.04	-0.03	0.02	215.	
220.	-0.15	-0.06	-0.05	0.01	220.	
225.	-0.22	-0.08	-0.07	-0.01	225.	
230.	-0.28	-0.10	-0.08	-0.01	230.	
235.	-0.34	-0.11	-0.09	-0.01	235.	
240.	-0.38	-0.12	-0.10	-0.01	240.	
245.	-0.39	-0.11	-0.10	-0.01	245.	
250.	-0.37	-0.14	-0.10	-0.01	250.	
255.	-0.35	-0.14	-0.10	-0.01	255.	
260.	-0.35	-0.14	-0.10	-0.01	260.	
265.	-0.36	-0.13	-0.10	-0.01	265.	
270.	-0.30	-0.13	-0.09	-0.01	270.	
275.	-0.39	-0.12	-0.09	-0.02	275.	
280.	-0.40	-0.13	-0.09	-0.02	280.	
285.	-0.41	-0.14	-0.09	-0.02	285.	
290.	-0.41	-0.15	-0.09	-0.02	290.	
295.	-0.41	-0.16	-0.09	-0.02	295.	
300.	-0.40	-0.17	-0.09	-0.03	300.	
305.	-0.39	-0.17	-0.09	-0.04	305.	
310.	-0.37	-0.18	-0.09	-0.04	310.	
315.	-0.34	-0.18	-0.09	-0.04	315.	
320.	-0.32	-0.18	-0.09	-0.05	320.	
325.	-0.32	-0.18	-0.10	-0.06	325.	
330.	-0.33	-0.18	-0.10	-0.06	330.	
335.	-0.34	-0.19	-0.09	-0.03	335.	
340.	-0.36	-0.19	-0.08	-0.02	340.	
345.	-0.36	-0.18	-0.07	-0.02	345.	
350.	-0.36	-0.16	-0.07	-0.02	350.	
355.	-0.36	-0.15	-0.06	-0.02	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=504 CTR NO. 269 TCM= 11. C.R.= 62.0

DIFFERENTIAL PRESSURES

SPAN STATION 79.0

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	17.400	DEG.
0.	-0.20	-0.16	-0.10	-0.06	-0.04	-0.01	-0.02	0.
5.	-0.19	-0.24	-0.16	-0.08	-0.02	-0.02	-0.02	5.
10.	-0.43	-0.28	-0.19	-0.09	-0.01	-0.02	-0.03	10.
15.	-0.13	-0.10	-0.11	-0.05	-0.01	-0.03	-0.02	15.
20.	0.26	0.12	0.03	0.02	0.01	-0.01	-0.02	20.
25.	0.22	0.16	0.12	0.06	0.02	0.02	-0.02	25.
30.	0.04	0.04	0.08	0.04	0.04	0.01	-0.02	30.
35.	0.05	0.07	0.01	0.00	0.07	0.00	-0.02	35.
40.	0.13	0.13	0.02	0.00	0.07	-0.01	-0.01	40.
45.	0.18	0.14	0.04	0.01	0.07	-0.01	0.01	45.
50.	0.20	0.15	0.06	0.02	0.07	-0.01	0.03	50.
55.	0.22	0.15	0.08	0.04	0.07	-0.01	0.05	55.
60.	0.21	0.14	0.07	0.05	0.08	-0.00	0.04	60.
65.	0.15	0.10	-0.00	0.04	0.09	0.00	0.07	65.
70.	-0.00	-0.02	-0.07	-0.02	0.09	-0.01	0.07	70.
75.	0.01	0.10	0.08	0.04	0.15	-0.01	0.07	75.
80.	0.35	0.31	0.17	0.15	0.20	0.03	0.09	80.
85.	0.35	0.25	0.16	0.11	0.20	0.01	0.08	85.
90.	0.20	0.17	0.10	0.09	0.17	0.01	0.11	90.
95.	0.16	0.10	0.00	0.09	0.15	0.00	0.11	95.
100.	0.03	-0.05	-0.07	0.02	0.13	-0.01	0.07	100.
105.	-0.16	-0.01	-0.05	0.05	0.13	0.01	0.07	105.
110.	0.32	0.29	0.20	0.14	0.17	0.04	0.11	110.
115.	0.72	0.51	0.33	0.24	0.21	0.07	0.13	115.
120.	0.60	0.50	0.32	0.27	0.21	0.04	0.13	120.
125.	0.55	0.43	0.29	0.27	0.23	0.04	0.13	125.
130.	0.57	0.44	0.29	0.24	0.22	0.07	0.14	130.
135.	0.59	0.46	0.30	0.21	0.21	0.07	0.15	135.
140.	0.56	0.45	0.30	0.19	0.19	0.07	0.14	140.
145.	0.54	0.43	0.28	0.17	0.17	0.07	0.12	145.
150.	0.52	0.42	0.28	0.18	0.17	0.07	0.12	150.
155.	0.55	0.43	0.31	0.20	0.17	0.08	0.13	155.
160.	0.65	0.50	0.37	0.24	0.18	0.09	0.12	160.
165.	0.80	0.67	0.46	0.29	0.21	0.10	0.09	165.
170.	1.11	0.80	0.54	0.33	0.23	0.11	0.09	170.
175.	1.21	0.83	0.58	0.35	0.23	0.12	0.09	175.
180.	1.13	0.77	0.56	0.35	0.22	0.13	0.07	180.
185.	0.96	0.63	0.50	0.32	0.19	0.13	0.05	185.
190.	0.78	0.51	0.41	0.27	0.15	0.12	0.02	190.
195.	0.59	0.40	0.31	0.21	0.10	0.10	-0.01	195.
200.	0.41	0.29	0.22	0.16	0.05	0.08	-0.03	200.
205.	0.26	0.18	0.13	0.10	-0.00	0.04	-0.05	205.
210.	0.11	0.07	0.06	0.05	-0.04	0.04	-0.06	210.
215.	-0.01	-0.03	-0.00	0.00	-0.06	0.02	-0.07	215.
220.	-0.13	-0.12	-0.06	-0.05	-0.00	-0.01	-0.07	220.
225.	-0.23	-0.20	-0.10	-0.09	-0.11	-0.03	-0.08	225.
230.	-0.32	-0.24	-0.15	-0.13	-0.15	-0.05	-0.09	230.
235.	-0.40	-0.32	-0.19	-0.17	-0.19	-0.06	-0.10	235.
240.	-0.46	-0.36	-0.22	-0.19	-0.21	-0.06	-0.10	240.
245.	-0.52	-0.39	-0.25	-0.21	-0.22	-0.07	-0.10	245.
250.	-0.56	-0.41	-0.27	-0.21	-0.23	-0.07	-0.10	250.
255.	-0.59	-0.42	-0.28	-0.21	-0.23	-0.07	-0.10	255.
260.	-0.60	-0.43	-0.28	-0.20	-0.23	-0.07	-0.09	260.
265.	-0.59	-0.42	-0.28	-0.20	-0.22	-0.07	-0.09	265.
270.	-0.58	-0.42	-0.28	-0.19	-0.21	-0.06	-0.09	270.
275.	-0.58	-0.41	-0.28	-0.19	-0.20	-0.06	-0.08	275.
280.	-0.62	-0.41	-0.29	-0.20	-0.19	-0.06	-0.08	280.
285.	-0.67	-0.40	-0.30	-0.21	-0.19	-0.06	-0.09	285.
290.	-0.72	-0.39	-0.34	-0.24	-0.22	-0.08	-0.09	290.
295.	-0.74	-0.39	-0.38	-0.28	-0.26	-0.09	-0.09	295.
300.	-0.82	-0.39	-0.40	-0.30	-0.26	-0.10	-0.09	300.
305.	-0.83	-0.39	-0.40	-0.30	-0.25	-0.11	-0.10	305.
310.	-0.82	-0.38	-0.39	-0.29	-0.25	-0.11	-0.11	310.
315.	-0.79	-0.37	-0.38	-0.28	-0.25	-0.12	-0.11	315.
320.	-0.74	-0.36	-0.35	-0.25	-0.23	-0.11	-0.10	320.
325.	-0.68	-0.32	-0.32	-0.23	-0.19	-0.07	-0.08	325.
330.	-0.59	-0.27	-0.27	-0.19	-0.15	-0.05	-0.06	330.
335.	-0.49	-0.23	-0.23	-0.14	-0.13	-0.04	-0.05	335.
340.	-0.39	-0.20	-0.19	-0.12	-0.12	-0.03	-0.05	340.
345.	-0.31	-0.27	-0.15	-0.10	-0.10	-0.03	-0.05	345.
350.	-0.20	-0.24	-0.13	-0.09	-0.08	-0.02	-0.04	350.
355.	-0.26	-0.20	-0.11	-0.07	-0.06	-0.01	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-504 CNTR NO. 269 TCN-11. C.R. 62.3

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION							AZ
DEG.	3.455	1.040	1.950	2.990	4.950	7.150	10.400	DEG.
0.	0.39	0.28	0.24	0.20	0.11	0.07	0.01	0.
5.	0.28	0.21	0.19	0.19	0.12	0.06	0.03	5.
10.	0.31	0.28	0.22	0.17	0.12	0.05	0.02	10.
15.	0.35	0.24	0.18	0.14	0.12	0.04	0.01	15.
20.	0.35	0.17	0.13	0.13	0.11	0.04	0.01	20.
25.	0.37	0.17	0.13	0.13	0.11	0.03	-0.01	25.
30.	0.42	0.21	0.15	0.13	0.11	0.02	-0.02	30.
35.	0.49	0.25	0.18	0.14	0.13	0.00	-0.04	35.
40.	0.56	0.28	0.20	0.15	0.17	-0.01	-0.05	40.
45.	0.63	0.30	0.22	0.15	0.19	-0.02	-0.05	45.
50.	0.65	0.32	0.21	0.14	0.20	-0.03	-0.06	50.
55.	0.63	0.31	0.19	0.12	0.19	-0.04	-0.06	55.
60.	0.55	0.22	0.13	0.07	0.16	-0.06	-0.07	60.
65.	0.45	0.10	0.08	0.01	0.15	-0.08	-0.07	65.
70.	0.43	0.09	0.09	0.05	0.17	-0.05	-0.04	70.
75.	0.53	0.21	0.11	0.09	0.19	-0.03	-0.03	75.
80.	0.45	0.08	0.00	0.03	0.17	-0.05	-0.04	80.
85.	0.21	-0.13	-0.14	-0.11	0.09	-0.07	-0.05	85.
90.	-0.24	-0.28	-0.14	-0.12	0.07	-0.06	-0.05	90.
95.	0.53	0.21	0.05	0.07	0.17	-0.02	-0.02	95.
100.	0.64	0.21	0.13	0.11	0.22	-0.01	-0.02	100.
105.	0.56	0.12	0.09	0.04	0.19	-0.01	-0.02	105.
110.	0.37	0.04	0.00	0.00	0.15	-0.01	-0.02	110.
115.	0.28	0.01	-0.03	-0.02	0.14	-0.01	-0.03	115.
120.	0.11	0.05	0.03	-0.01	0.16	0.02	-0.01	120.
125.	0.51	0.11	0.20	0.16	0.19	0.04	0.00	125.
130.	1.00	0.67	0.32	0.24	0.22	0.04	0.01	130.
135.	0.99	0.59	0.37	0.25	0.24	0.06	0.02	135.
140.	0.60	0.50	0.34	0.22	0.25	0.08	0.03	140.
145.	0.51	0.44	0.31	0.21	0.25	0.09	0.04	145.
150.	0.63	0.49	0.31	0.22	0.24	0.09	0.05	150.
155.	0.70	0.52	0.33	0.23	0.23	0.09	0.05	155.
160.	0.71	0.54	0.35	0.24	0.23	0.09	0.05	160.
165.	0.70	0.54	0.37	0.24	0.22	0.10	0.06	165.
170.	0.68	0.53	0.37	0.24	0.21	0.10	0.06	170.
175.	0.63	0.50	0.37	0.24	0.18	0.10	0.05	175.
180.	0.54	0.44	0.34	0.22	0.15	0.10	0.05	180.
185.	0.42	0.35	0.27	0.20	0.11	0.09	0.05	185.
190.	0.28	0.25	0.20	0.16	0.07	0.08	0.04	190.
195.	0.13	0.13	0.13	0.10	0.02	0.06	0.04	195.
200.	-0.03	0.02	0.05	0.04	-0.02	0.05	0.04	200.
205.	-0.18	-0.05	-0.01	-0.01	-0.05	0.04	0.04	205.
210.	-0.33	-0.10	-0.08	-0.05	-0.09	0.04	0.03	210.
215.	-0.45	-0.16	-0.14	-0.08	-0.12	0.03	0.04	215.
220.	-0.54	-0.22	-0.18	-0.11	-0.14	0.02	0.04	220.
225.	-0.62	-0.28	-0.21	-0.14	-0.16	0.02	0.04	225.
230.	-0.65	-0.32	-0.23	-0.16	-0.18	0.01	0.04	230.
235.	-0.67	-0.34	-0.24	-0.17	-0.20	-0.00	0.03	235.
240.	-0.69	-0.37	-0.26	-0.18	-0.22	-0.01	0.02	240.
245.	-0.74	-0.40	-0.29	-0.20	-0.24	-0.03	0.01	245.
250.	-0.80	-0.43	-0.31	-0.22	-0.26	-0.05	0.01	250.
255.	-0.84	-0.48	-0.34	-0.24	-0.28	-0.06	-0.00	255.
260.	-0.90	-0.52	-0.36	-0.26	-0.30	-0.07	-0.01	260.
265.	-0.93	-0.57	-0.37	-0.28	-0.32	-0.09	-0.02	265.
270.	-0.96	-0.60	-0.38	-0.29	-0.33	-0.09	-0.03	270.
275.	-0.96	-0.56	-0.38	-0.29	-0.34	-0.09	-0.03	275.
280.	-0.91	-0.47	-0.33	-0.29	-0.33	-0.08	-0.02	280.
285.	-0.80	-0.47	-0.24	-0.25	-0.29	-0.08	-0.02	285.
290.	-1.12	-0.68	-0.44	-0.32	-0.34	-0.10	-0.04	290.
295.	-1.39	-0.90	-0.59	-0.42	-0.43	-0.14	-0.06	295.
300.	-1.38	-0.93	-0.63	-0.44	-0.44	-0.15	-0.06	300.
305.	-1.19	-0.79	-0.58	-0.41	-0.40	-0.14	-0.04	305.
310.	-1.30	-0.65	-0.7	-0.35	-0.34	-0.11	-0.03	310.
315.	-0.82	-0.54	-0.38	-0.27	-0.29	-0.08	-0.02	315.
320.	-0.64	-0.42	-0.31	-0.19	-0.24	-0.06	-0.01	320.
325.	-0.51	-0.27	-0.22	-0.12	-0.19	-0.04	-0.00	325.
330.	-0.34	-0.16	-0.09	-0.07	-0.13	-0.01	0.00	330.
335.	-0.15	-0.02	0.04	-0.01	-0.08	0.02	0.01	335.
340.	0.03	0.11	0.14	0.07	-0.02	0.05	0.01	340.
345.	0.28	0.29	0.21	0.15	0.04	0.07	0.02	345.
350.	0.46	0.39	0.27	0.21	0.09	0.08	0.03	350.
355.	0.47	0.35	0.28	0.22	0.11	0.08	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=504 CNTR NO. 269 TCM=1. C.R.=62.0

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	0.05	0.43	0.32	0.20	0.14	0.14	0.08	0.
5.	0.07	0.36	0.25	0.17	0.12	0.11	0.07	5.
10.	0.04	0.24	0.16	0.11	0.11	0.07	0.04	10.
15.	0.23	0.12	0.06	0.03	0.10	0.04	0.04	15.
20.	0.11	0.19	0.01	-0.03	0.09	0.01	0.02	20.
25.	0.13	0.33	-0.01	0.02	0.07	-0.00	0.01	25.
30.	0.22	0.44	0.00	0.06	0.06	-0.01	-0.00	30.
35.	0.29	0.55	0.02	0.09	0.05	-0.02	-0.02	35.
40.	0.35	0.64	0.03	0.12	0.05	-0.03	-0.02	40.
45.	0.37	0.67	0.04	0.14	0.04	-0.03	-0.02	45.
50.	0.34	0.58	0.03	0.16	0.04	-0.05	-0.02	50.
55.	0.24	0.30	0.01	0.17	0.02	-0.08	-0.04	55.
60.	0.06	0.05	-0.04	0.14	-0.01	-0.12	-0.06	60.
65.	-0.16	-0.10	-0.10	0.08	-0.04	-0.14	-0.07	65.
70.	-0.23	-0.20	-0.18	0.03	-0.05	-0.15	-0.07	70.
75.	-0.49	-0.44	-0.32	-0.01	-0.04	-0.17	-0.07	75.
80.	-1.01	-0.57	-0.46	-0.03	-0.01	-0.19	-0.06	80.
85.	-0.60	-0.33	-0.39	0.04	0.02	-0.17	-0.06	85.
90.	-0.69	-0.36	-0.37	0.04	-0.00	-0.20	-0.07	90.
95.	-1.24	-0.74	-0.55	-0.06	-0.04	-0.22	-0.07	95.
100.	-1.40	-0.86	-0.50	-0.10	-0.04	-0.18	-0.05	100.
105.	-0.57	-0.39	-0.17	0.11	0.03	-0.11	-0.04	105.
110.	0.02	0.19	-0.04	0.20	0.08	-0.08	-0.04	110.
115.	-0.21	0.32	-0.02	0.24	0.10	-0.07	-0.04	115.
120.	-0.38	0.16	-0.02	0.24	0.10	-0.07	-0.04	120.
125.	-0.36	-0.11	-0.06	0.21	0.09	-0.04	-0.03	125.
130.	-0.31	-0.17	-0.11	0.18	0.11	-0.05	-0.03	130.
135.	-0.39	-0.20	-0.15	0.16	0.13	-0.03	-0.00	135.
140.	-0.39	-0.19	-0.12	0.17	0.17	-0.00	0.00	140.
145.	-0.24	-0.08	0.05	0.24	0.23	0.04	0.01	145.
150.	0.37	0.20	0.30	0.38	0.30	0.08	0.01	150.
155.	1.10	0.84	0.54	0.50	0.34	0.29	0.01	155.
160.	1.73	1.54	0.68	0.57	0.41	0.10	0.02	160.
165.	1.82	1.56	0.74	0.60	0.44	0.13	0.03	165.
170.	1.79	1.41	0.77	0.61	0.44	0.16	0.04	170.
175.	1.68	1.21	0.77	0.59	0.42	0.18	0.05	175.
180.	1.53	1.06	0.74	0.57	0.38	0.18	0.05	180.
185.	1.38	0.90	0.68	0.52	0.33	0.17	0.04	185.
190.	1.22	0.84	0.58	0.44	0.27	0.15	0.03	190.
195.	1.05	0.68	0.48	0.30	0.19	0.13	0.03	195.
200.	0.85	0.46	0.38	0.15	0.12	0.11	0.03	200.
205.	0.61	0.28	0.30	0.05	0.05	0.10	0.03	205.
210.	0.39	0.18	0.24	-0.02	0.03	0.09	0.03	210.
215.	0.28	0.11	0.18	-0.07	0.01	0.08	0.04	215.
220.	0.25	0.05	0.14	-0.11	0.01	0.09	0.05	220.
225.	0.25	0.03	0.11	-0.13	0.01	0.09	0.04	225.
230.	0.29	0.05	0.09	-0.12	0.01	0.09	0.05	230.
235.	0.35	0.11	0.08	-0.11	0.00	0.08	0.05	235.
240.	0.41	0.15	0.07	-0.11	-0.02	0.07	0.04	240.
245.	0.35	0.04	0.03	-0.13	-0.08	0.03	0.02	245.
250.	-0.26	-0.30	-0.11	-0.22	-0.15	0.01	-0.00	250.
255.	-1.11	-0.85	-0.48	-0.44	-0.25	-0.01	-0.01	255.
260.	-1.44	-1.12	-0.54	-0.57	-0.37	-0.06	-0.02	260.
265.	-1.39	-1.12	-0.57	-0.59	-0.45	-0.09	-0.02	265.
270.	-1.34	-1.06	-0.57	-0.61	-0.48	-0.12	-0.05	270.
275.	-1.37	-1.08	-0.55	-0.62	-0.49	-0.13	-0.07	275.
280.	-1.36	-1.09	-0.55	-0.61	-0.48	-0.13	-0.07	280.
285.	-1.33	-1.10	-0.56	-0.61	-0.45	-0.12	-0.06	285.
290.	-1.35	-1.13	-0.62	-0.62	-0.45	-0.11	-0.06	290.
295.	-1.33	-1.21	-0.68	-0.68	-0.46	-0.13	-0.06	295.
300.	-1.61	-1.25	-0.68	-0.70	-0.47	-0.14	-0.04	300.
305.	-1.43	-1.15	-0.60	-0.65	-0.44	-0.12	-0.02	305.
310.	-1.16	-0.99	-0.47	-0.56	-0.37	-0.08	-0.01	310.
315.	-0.84	-0.80	-0.30	-0.51	-0.29	-0.05	0.00	315.
320.	-0.63	-0.55	-0.12	-0.41	-0.19	0.00	0.02	320.
325.	-0.03	-0.17	0.03	-0.13	-0.10	0.04	0.04	325.
330.	0.59	0.26	0.16	0.03	-0.04	0.08	0.04	330.
335.	0.62	0.28	0.26	0.07	-0.01	0.09	0.03	335.
340.	0.72	0.33	0.34	0.11	0.04	0.13	0.04	340.
345.	0.89	0.47	0.41	0.20	0.13	0.17	0.07	345.
350.	0.99	0.54	0.45	0.25	0.19	0.19	0.09	350.
355.	0.97	0.50	0.48	0.24	0.18	0.18	0.09	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-504 CNTR NO. 249 TCM- 11. C.R.- 62.0

DIFFERENTIAL PRESSURES

SPAN STATION 178.5

AZ DEG.	CHORD STATION							AZ DEG.
	0.455	1.040	1.950	2.990	4.550	7.150	10.400	
0.	1.30	0.91	0.65	0.45	0.34	0.18	0.04	0.
5.	1.24	0.82	0.58	0.41	0.29	0.16	0.04	5.
10.	0.90	0.62	0.42	0.33	0.21	0.11	0.05	10.
15.	0.61	0.37	0.22	0.21	0.11	0.05	0.04	15.
20.	0.27	0.15	0.03	0.11	0.03	0.00	0.03	20.
25.	0.10	0.00	-0.06	0.06	-0.01	-0.01	0.01	25.
30.	0.04	-0.03	-0.08	0.03	-0.03	-0.02	0.01	30.
35.	0.06	-0.01	-0.08	0.01	-0.02	-0.02	0.01	35.
40.	0.10	-0.01	-0.05	0.00	-0.02	-0.02	0.01	40.
45.	0.13	-0.02	-0.04	-0.00	-0.02	-0.02	0.01	45.
50.	0.11	-0.07	-0.04	-0.02	-0.04	-0.04	-0.00	50.
55.	0.03	-0.14	-0.07	-0.04	-0.04	-0.04	-0.02	55.
60.	-0.09	-0.21	-0.13	-0.11	-0.12	-0.10	-0.02	60.
65.	-0.24	-0.24	-0.24	-0.17	-0.18	-0.13	-0.02	65.
70.	-0.55	-0.43	-0.40	-0.23	-0.24	-0.16	-0.05	70.
75.	-0.72	-0.65	-0.50	-0.29	-0.31	-0.20	-0.07	75.
80.	-0.80	-0.77	-0.68	-0.34	-0.41	-0.22	-0.08	80.
85.	-1.63	-1.37	-1.01	-0.44	-0.44	-0.22	-0.07	85.
90.	-1.27	-0.94	-0.62	-0.41	-0.35	-0.18	-0.04	90.
95.	-0.50	-0.59	-0.34	-0.28	-0.25	-0.14	-0.02	95.
100.	-0.70	-0.82	-0.45	-0.28	-0.22	-0.10	0.00	100.
105.	-1.08	-0.90	-0.59	-0.31	-0.21	-0.07	0.01	105.
110.	-1.16	-0.88	-0.53	-0.24	-0.17	-0.05	0.01	110.
115.	-0.50	-0.43	-0.17	-0.16	-0.06	-0.03	-0.00	115.
120.	0.42	0.18	0.22	0.00	0.04	-0.01	-0.01	120.
125.	1.31	0.43	0.38	0.07	0.09	-0.01	-0.02	125.
130.	1.03	0.30	0.18	0.04	0.09	0.01	-0.02	130.
135.	0.58	0.21	0.17	-0.02	0.00	0.05	-0.01	135.
140.	0.39	0.14	0.10	-0.04	0.05	0.00	-0.00	140.
145.	0.30	0.11	0.07	-0.04	0.03	0.11	0.00	145.
150.	0.24	0.10	0.05	-0.03	0.02	0.12	0.00	150.
155.	0.24	0.10	0.05	-0.02	0.01	0.10	0.00	155.
160.	0.25	0.11	0.05	-0.02	0.03	0.09	0.01	160.
165.	0.27	0.14	0.04	-0.00	0.04	0.10	0.01	165.
170.	0.31	0.17	0.10	0.01	0.00	0.12	0.02	170.
175.	0.34	0.24	0.15	0.04	0.11	0.13	0.02	175.
180.	0.43	0.30	0.17	0.07	0.13	0.12	0.02	180.
185.	0.44	0.32	0.15	0.09	0.12	0.10	0.02	185.
190.	0.40	0.28	0.13	0.09	0.10	0.07	0.01	190.
195.	0.29	0.22	0.11	0.07	0.04	0.04	0.01	195.
200.	0.15	0.15	0.07	0.05	0.03	0.01	0.00	200.
205.	-0.01	0.00	0.01	0.01	-0.01	-0.01	-0.01	205.
210.	-0.16	0.02	-0.04	-0.02	-0.05	-0.02	-0.01	210.
215.	-0.29	-0.03	-0.07	-0.04	-0.06	-0.02	-0.01	215.
220.	-0.37	-0.07	-0.08	-0.06	-0.07	-0.02	-0.01	220.
225.	-0.39	-0.09	-0.08	-0.07	-0.06	-0.01	-0.01	225.
230.	-0.36	-0.07	-0.06	-0.04	-0.03	-0.00	-0.00	230.
235.	-0.31	-0.03	-0.01	-0.02	0.01	0.01	0.01	235.
240.	-0.21	0.04	0.04	0.02	0.05	0.03	0.01	240.
245.	-0.08	0.14	0.18	0.07	0.09	0.04	0.02	245.
250.	0.12	0.24	0.31	0.11	0.14	0.06	0.02	250.
255.	0.33	0.40	0.40	0.14	0.23	0.08	0.02	255.
260.	0.59	0.44	0.49	0.23	0.24	0.07	0.02	260.
265.	0.63	0.67	0.53	0.22	0.18	0.03	0.01	265.
270.	0.53	0.25	0.17	0.04	-0.01	-0.03	-0.00	270.
275.	-1.30	-0.62	-0.40	-0.18	-0.24	-0.12	-0.02	275.
280.	-1.58	-0.78	-0.64	-0.32	-0.33	-0.18	-0.03	280.
285.	-1.35	-0.70	-0.64	-0.31	-0.33	-0.19	-0.04	285.
290.	-1.22	-0.62	-0.55	-0.27	-0.28	-0.18	-0.04	290.
295.	-1.11	-0.57	-0.49	-0.24	-0.22	-0.16	-0.05	295.
300.	-1.16	-0.55	-0.46	-0.21	-0.19	-0.14	-0.04	300.
305.	-1.07	-0.50	-0.39	-0.18	-0.15	-0.13	-0.05	305.
310.	-0.85	-0.35	-0.28	-0.11	-0.09	-0.09	-0.02	310.
315.	-0.55	-0.15	-0.13	-0.02	-0.01	-0.04	0.01	315.
320.	-0.20	0.04	0.05	0.07	0.04	0.01	0.00	320.
325.	0.18	0.19	0.23	0.15	0.12	0.06	0.01	325.
330.	0.54	0.35	0.34	0.22	0.19	0.09	0.02	330.
335.	0.91	0.57	0.49	0.30	0.26	0.13	0.02	335.
340.	1.22	0.79	0.65	0.39	0.36	0.18	0.04	340.
345.	1.44	0.93	0.74	0.44	0.40	0.21	0.05	345.
350.	1.54	0.79	0.77	0.49	0.41	0.20	0.04	350.
355.	1.42	0.90	0.72	0.40	0.40	0.19	0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-50- CNTR NO. 249 TCN- 11. C.R.- 62.0

DIFFERENTIAL PRESSURES

SPAN STATION 100.0								
AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	1.94	1.39	0.90	0.66	0.27	0.23	0.07	0.
5.	1.67	1.11	0.79	0.55	0.24	0.19	0.36	5.
10.	1.14	0.74	0.56	0.37	0.21	0.13	0.04	10.
15.	0.69	0.41	0.36	0.20	0.20	0.06	0.03	15.
20.	0.34	0.20	0.19	0.09	0.22	0.00	0.01	20.
25.	-0.03	0.05	0.09	0.02	0.27	-0.03	0.01	25.
30.	-0.14	-0.04	0.02	-0.01	0.24	-0.03	0.30	30.
35.	-0.13	-0.08	0.01	-0.01	0.24	-0.03	0.00	35.
40.	-0.13	-0.09	0.03	-0.00	0.24	-0.03	-0.01	40.
45.	-0.11	-0.10	0.07	0.00	0.29	-0.05	-0.02	45.
50.	-0.11	-0.12	0.09	-0.01	0.31	-0.08	-0.04	50.
55.	-0.10	-0.20	0.09	-0.05	0.31	-0.13	-0.05	55.
60.	-0.31	-0.32	0.02	-0.13	0.27	-0.18	-0.06	60.
65.	-0.64	-0.53	-0.10	-0.23	0.20	-0.23	-0.08	65.
70.	-0.95	-0.80	-0.29	-0.35	0.00	-0.26	-0.12	70.
75.	-1.23	-1.00	-0.40	-0.53	-0.08	-0.32	-0.14	75.
80.	-1.07	-1.49	-0.73	-0.64	-0.16	-0.33	-0.14	80.
85.	-1.50	-1.22	-0.52	-0.52	-0.14	-0.30	-0.12	85.
90.	-1.10	-0.91	-0.44	-0.39	-0.18	-0.27	-0.11	90.
95.	-1.64	-1.29	-0.52	-0.39	-0.19	-0.22	-0.08	95.
100.	-1.03	-1.07	-0.42	-0.30	-0.04	-0.16	-0.03	100.
105.	-0.72	-0.05	0.12	-0.11	0.19	-0.11	-0.01	105.
110.	0.49	0.47	0.61	0.11	0.31	-0.13	-0.06	110.
115.	0.04	0.33	0.64	0.21	0.30	-0.12	-0.08	115.
120.	0.40	0.07	0.44	0.16	0.33	-0.09	-0.05	120.
125.	0.96	-0.06	0.23	0.05	0.39	-0.08	-0.03	125.
130.	-0.13	-0.13	0.06	-0.05	0.37	-0.08	-0.02	130.
135.	-0.25	-0.22	-0.08	-0.14	0.31	-0.08	-0.03	135.
140.	-0.34	-0.27	-0.14	-0.19	0.24	-0.07	-0.01	140.
145.	-0.37	-0.28	-0.17	-0.19	0.19	-0.07	-0.02	145.
150.	-0.36	-0.26	-0.10	-0.10	0.16	-0.06	-0.00	150.
155.	-0.33	-0.23	-0.19	-0.20	0.14	-0.05	-0.00	155.
160.	-0.30	-0.20	-0.17	-0.21	0.13	-0.03	0.01	160.
165.	-0.23	-0.17	-0.14	-0.20	0.12	-0.01	0.03	165.
170.	-0.10	-0.12	-0.09	-0.14	0.12	1.02	0.03	170.
175.	0.09	-0.04	-0.05	-0.07	0.11	0.04	0.03	175.
180.	0.21	0.04	-0.01	-0.31	0.10	0.07	0.03	180.
185.	0.24	0.07	0.02	0.02	0.08	0.07	0.03	185.
190.	0.24	0.06	0.01	0.01	0.05	0.06	0.03	190.
195.	0.20	0.04	-0.01	-0.02	0.00	0.05	0.01	195.
200.	0.08	0.01	-0.06	-0.06	-0.06	0.03	-0.00	200.
205.	-0.07	-0.02	-0.13	-0.09	-0.13	0.02	-0.01	205.
210.	-0.22	-0.06	-0.21	-0.12	-0.19	0.01	0.00	210.
215.	-0.33	-0.10	-0.27	-0.15	-0.24	0.01	0.00	215.
220.	-0.30	-0.27	-0.30	-0.16	-0.28	0.92	0.00	220.
225.	-0.38	-0.30	-0.31	-0.15	-0.29	0.03	0.01	225.
230.	-0.35	-0.26	-0.30	-0.10	-0.29	0.04	0.32	230.
235.	-0.28	-0.19	-0.26	-0.06	-0.28	0.05	0.03	235.
240.	-0.17	-0.09	-0.20	-0.01	-0.24	0.06	0.03	240.
245.	-0.03	0.04	-0.13	0.05	-0.25	0.07	0.04	245.
250.	0.16	0.19	-0.05	0.12	-0.22	0.10	0.04	250.
255.	0.41	0.36	0.05	0.20	-0.20	0.14	0.03	255.
260.	0.70	0.63	0.22	0.30	-0.13	0.18	0.05	260.
265.	0.99	1.01	0.30	0.30	-0.07	0.19	0.06	265.
270.	1.27	1.06	0.43	0.42	-0.09	0.17	0.05	270.
275.	1.05	0.42	0.07	0.21	-0.23	0.10	0.01	275.
280.	-1.19	-0.92	-0.53	-0.21	-0.43	-0.03	-0.04	280.
285.	1.51	-1.08	-0.85	-0.42	-0.63	-0.09	-0.03	285.
290.	-1.30	-0.93	-0.74	-0.39	-0.64	-0.09	-0.03	290.
295.	-1.04	-0.64	-0.56	-0.32	-0.61	-0.07	-0.02	295.
300.	-0.84	-0.52	-0.52	-0.24	-0.54	-0.03	-0.01	300.
305.	-0.77	-0.38	-0.40	-0.17	-0.47	0.00	-0.00	305.
310.	-0.51	-0.19	-0.33	-0.10	-0.38	0.03	0.01	310.
315.	-0.17	0.08	-0.16	-0.02	-0.29	0.06	0.03	315.
320.	0.24	0.36	0.03	0.11	-0.19	0.10	0.34	320.
325.	0.61	0.61	0.21	0.25	-0.09	0.14	0.05	325.
330.	0.90	0.64	0.39	0.39	0.02	0.18	0.06	330.
335.	1.48	1.15	0.56	0.50	0.11	0.21	0.08	335.
340.	1.95	1.30	0.71	0.59	0.20	0.24	0.09	340.
345.	2.14	1.51	0.83	0.67	0.25	0.27	0.09	345.
350.	2.19	1.48	0.91	0.71	0.20	0.28	0.09	350.
355.	2.01	1.42	0.93	0.71	0.20	0.26	0.08	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=504 CNTR NO. 269 TCN= 11. C.R.= 62.0

DIFFERENTIAL PRESSURES

SPAN STATION 199.5

AZ	CHORD STATION							AZ
DEG.	3.455	1.340	1.450	2.992	4.550	7.150	10.400	DEG.
0.	2.39	1.24	0.76	0.49	0.31	0.20	0.06	0.
5.	1.69	0.98	0.54	0.31	0.22	0.13	0.03	5.
10.	1.07	0.67	0.32	0.14	0.14	0.06	0.02	10.
15.	0.60	0.40	0.14	-0.01	0.07	-0.00	0.00	15.
20.	0.25	0.17	-0.01	-0.11	0.03	-0.04	-0.02	20.
25.	-0.91	-0.01	-0.10	-0.17	0.00	-0.09	-0.03	25.
30.	-3.20	-0.09	-0.11	-0.20	-0.01	-0.11	-0.05	30.
35.	-0.27	-0.11	-0.09	-0.17	-0.01	-0.11	-0.07	35.
40.	-0.29	-0.10	-0.07	-0.13	-0.01	-0.15	-0.10	40.
45.	-0.29	-0.08	-0.05	-0.09	-0.02	-0.17	-0.12	45.
50.	-0.31	-0.08	-0.02	-0.07	-0.03	-0.21	-0.12	50.
55.	-0.40	-0.13	0.01	-0.10	-0.04	-0.26	-0.12	55.
60.	-0.40	-0.20	-0.03	-0.17	-0.13	-0.32	-0.14	60.
65.	-1.00	-0.44	-0.15	-0.28	-0.19	-0.40	-0.15	65.
70.	-1.49	-0.83	-0.43	-0.48	-0.25	-0.49	-0.19	70.
75.	-1.98	-1.32	-0.75	-0.60	-0.28	-0.47	-0.21	75.
80.	-2.12	-1.25	-0.63	-0.47	-0.26	-0.44	-0.21	80.
85.	-1.62	-1.08	-0.44	-0.34	-0.21	-0.45	-0.18	85.
90.	-2.03	-1.06	-0.36	-0.19	-0.13	-0.33	-0.12	90.
95.	-0.84	0.08	0.13	0.08	-0.05	-0.25	-0.04	95.
100.	0.75	1.48	1.15	0.71	0.04	-0.21	-0.10	100.
105.	0.35	1.91	1.76	0.24	0.10	-0.16	-0.12	105.
110.	-0.07	0.70	1.03	0.17	0.11	-0.13	-0.11	110.
115.	-3.90	-0.07	0.55	0.04	0.10	-0.13	-0.10	115.
120.	-3.71	-0.26	0.13	-0.03	0.07	-0.15	-0.08	120.
125.	-0.84	-0.35	-0.13	-0.12	0.04	-0.18	-0.05	125.
130.	-0.92	-0.39	-0.24	-0.18	-0.00	-0.17	-0.03	130.
135.	-0.96	-0.47	-0.31	-0.21	-0.04	-0.17	-0.03	135.
140.	-0.98	-0.52	-0.35	-0.23	-0.07	-0.16	-0.02	140.
145.	-0.98	-0.56	-0.39	-0.24	-0.09	-0.14	-0.01	145.
150.	-0.97	-0.59	-0.41	-0.24	-0.10	-0.13	0.01	150.
155.	-0.93	-0.59	-0.42	-0.24	-0.09	-0.11	0.02	155.
160.	-0.84	-0.56	-0.42	-0.24	-0.08	-0.09	0.02	160.
165.	-0.72	-0.47	-0.40	-0.19	-0.04	-0.04	0.03	165.
170.	-0.91	-0.35	-0.35	-0.13	-0.04	0.00	0.04	170.
175.	-0.31	-0.23	-0.21	-0.07	-0.01	0.05	0.04	175.
180.	-0.15	-0.13	-0.10	-0.02	0.03	0.04	0.04	180.
185.	-0.03	-0.07	-0.12	0.01	0.04	0.10	0.05	185.
190.	0.04	-0.09	-0.12	0.04	0.04	0.10	0.05	190.
195.	0.05	-0.14	-0.14	0.03	0.03	0.09	0.05	195.
200.	0.02	-0.21	-0.18	0.00	0.01	0.07	0.04	200.
205.	-0.05	-0.29	-0.23	-0.04	-0.02	0.07	0.05	205.
210.	-0.17	-0.36	-0.28	-0.09	-0.05	0.07	0.05	210.
215.	-0.30	-0.43	-0.33	-0.12	-0.07	0.07	0.04	215.
220.	-0.38	-0.48	-0.34	-0.15	-0.10	0.06	0.05	220.
225.	-0.41	-0.48	-0.37	-0.14	-0.11	0.06	0.06	225.
230.	-0.37	-0.43	-0.35	-0.12	-0.11	0.15	0.07	230.
235.	-0.25	-0.35	-0.30	-0.08	-0.10	0.12	0.08	235.
240.	-0.10	-0.25	-0.24	-0.03	-0.07	0.14	0.09	240.
245.	0.07	-0.15	0.17	0.04	-0.04	0.18	0.10	245.
250.	0.24	-0.05	0.09	0.11	-0.01	0.21	0.11	250.
255.	0.44	0.08	0.00	0.19	0.03	0.24	0.11	255.
260.	0.64	0.26	0.13	0.28	0.07	0.27	0.12	260.
265.	0.91	0.44	0.29	0.37	0.14	0.30	0.12	265.
270.	1.04	0.63	0.45	0.47	0.19	0.33	0.13	270.
275.	1.49	1.07	0.65	0.54	0.21	0.33	0.13	275.
280.	1.64	0.56	0.32	0.27	0.08	0.28	0.10	280.
285.	-0.63	-0.48	-0.40	-0.20	-0.20	0.11	0.01	285.
290.	-1.40	-1.08	-0.74	-0.39	-0.33	0.02	-0.03	290.
295.	-1.20	-0.91	-0.68	-0.37	-0.28	0.02	0.01	295.
300.	-0.71	-0.59	-0.50	-0.24	-0.24	0.01	0.03	300.
305.	-0.29	-0.34	-0.39	-0.13	-0.19	0.07	0.03	305.
310.	-0.06	-0.21	-0.26	-0.04	-0.11	0.11	0.03	310.
315.	-0.07	0.03	-0.07	0.02	-0.02	0.14	0.03	315.
320.	0.23	0.29	0.14	0.12	0.07	0.18	0.04	320.
325.	1.38	0.56	0.31	0.29	0.14	0.22	0.05	325.
330.	1.64	0.84	0.47	0.42	0.20	0.24	0.05	330.
335.	2.10	1.09	0.63	0.50	0.24	0.26	0.06	335.
340.	2.52	1.28	0.78	0.59	0.33	0.28	0.07	340.
345.	2.78	1.42	0.90	0.65	0.39	0.31	0.09	345.
350.	2.94	1.49	0.94	0.65	0.41	0.30	0.10	350.
355.	2.88	1.43	0.87	0.60	0.37	0.24	0.08	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-505 CMTB NO. 354 ICM- 16. C.R.- 66.3

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ		CHORD STATION			AZ	
DEG.	0.455	1.450	4.550	10.400	DEG.	
0.	0.03	0.01	-0.02	-0.23	3.	
5.	0.04	0.03	0.00	-0.23	8.	
10.	0.22	0.09	0.03	-0.00	10.	
15.	0.36	0.14	0.05	-0.01	15.	
20.	0.28	0.12	0.05	-0.01	20.	
25.	0.20	0.09	0.03	-0.21	25.	
30.	0.17	0.07	0.00	-0.22	30.	
35.	0.19	0.07	-0.01	-0.02	35.	
40.	0.24	0.06	0.00	-0.02	40.	
45.	0.25	0.07	0.02	-0.03	45.	
50.	0.22	0.04	0.02	-0.02	50.	
55.	0.20	0.06	0.02	-0.22	55.	
60.	0.24	0.11	0.05	-0.21	60.	
65.	0.31	0.13	0.07	-0.01	65.	
70.	0.37	0.14	0.08	-0.01	70.	
75.	0.34	0.13	0.07	-0.00	75.	
80.	0.30	0.12	0.06	0.00	80.	
85.	0.25	0.11	0.06	-0.22	85.	
90.	0.25	0.11	0.05	-0.21	90.	
95.	0.25	0.11	0.05	-0.01	95.	
100.	0.26	0.11	0.05	0.00	100.	
105.	0.27	0.11	0.05	0.01	105.	
110.	0.27	0.11	0.05	0.00	110.	
115.	0.26	0.11	0.05	0.33	115.	
120.	0.24	0.10	0.05	-0.00	120.	
125.	0.23	0.09	0.05	0.01	125.	
130.	0.21	0.08	0.05	0.01	130.	
135.	0.19	0.06	0.05	0.01	135.	
140.	0.17	0.05	0.04	0.21	140.	
145.	0.14	0.05	0.03	0.01	145.	
150.	0.12	0.04	0.03	0.01	150.	
155.	0.10	0.04	0.03	0.02	155.	
160.	0.09	0.04	0.03	0.02	160.	
165.	0.09	0.03	0.02	0.02	165.	
170.	0.09	0.02	0.02	0.01	170.	
175.	0.09	0.02	0.02	0.01	175.	
180.	0.09	0.02	0.02	0.02	180.	
185.	0.09	0.03	0.02	0.21	185.	
190.	0.09	0.04	0.02	0.01	190.	
195.	0.00	0.05	0.02	0.00	195.	
200.	0.07	0.06	0.02	0.01	200.	
205.	0.06	0.05	0.02	0.02	205.	
210.	0.05	0.05	0.02	0.01	210.	
215.	0.01	0.03	0.01	0.01	215.	
220.	-0.03	0.01	0.00	0.00	220.	
225.	-0.07	-0.00	-0.01	-0.23	225.	
230.	-0.11	-0.01	-0.02	-0.00	230.	
235.	-0.15	-0.03	-0.03	0.00	235.	
240.	-0.19	-0.05	-0.04	0.00	240.	
245.	-0.21	-0.07	-0.05	0.00	245.	
250.	-0.23	-0.09	-0.06	0.00	250.	
255.	-0.25	-0.09	-0.05	0.00	255.	
260.	-0.26	-0.10	-0.07	0.00	260.	
265.	-0.28	-0.11	-0.07	-0.00	265.	
270.	-0.30	-0.13	-0.07	-0.01	270.	
275.	-0.33	-0.15	-0.07	-0.01	275.	
280.	-0.36	-0.17	-0.06	-0.21	280.	
285.	-0.38	-0.18	-0.05	-0.21	285.	
290.	-0.38	-0.18	-0.07	-0.03	290.	
295.	-0.39	-0.17	-0.09	-0.00	295.	
300.	-0.42	-0.16	-0.09	-0.00	300.	
305.	-0.52	-0.15	-0.08	-0.01	305.	
310.	-0.52	-0.15	-0.07	-0.00	310.	
315.	-0.47	-0.15	-0.08	0.00	315.	
320.	-0.46	-0.17	-0.08	0.01	320.	
325.	-0.46	-0.19	-0.03	0.00	325.	
330.	-0.41	-0.17	-0.02	-0.01	330.	
335.	-0.35	-0.13	-0.03	-0.01	335.	
340.	-0.28	-0.12	-0.06	-0.23	340.	
345.	-0.19	-0.13	-0.26	-0.00	345.	
350.	-0.10	-0.12	-0.24	-0.00	350.	
355.	-0.02	-0.07	-0.05	-0.01	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-505 CMTR NO. 354 TCN= 16. C.L.= 66.0

DIFFERENTIAL PRESSURES

SPAN STATION 79.8

AZ	C. J. R. D. STATION						AZ
DEG.	3.455	1.840	1.950	2.990	4.550	7.152	10.400
0.	-3.39	-0.08	-0.10	-0.06	-0.05	-0.03	-0.04
5.	3.37	0.02	-0.01	0.00	-0.01	-0.01	-0.04
10.	0.13	0.09	0.03	0.04	0.02	0.00	-0.23
15.	3.14	0.11	0.04	0.03	0.03	0.00	-0.02
20.	3.18	0.10	0.04	0.02	0.03	-0.01	0.00
25.	3.12	0.04	0.01	-0.00	0.02	-0.01	0.01
30.	0.04	0.05	-0.03	-0.01	0.01	-0.02	0.03
35.	0.11	0.11	0.01	0.02	0.03	-0.01	0.04
40.	0.17	0.10	0.01	0.03	0.05	-0.01	0.05
45.	0.08	0.01	-0.01	0.01	0.03	-0.01	0.05
50.	-0.02	-0.01	-0.05	-0.00	0.01	-0.01	0.04
55.	-0.03	-0.00	-0.04	-0.01	0.00	-0.02	0.04
60.	-0.01	-0.00	-0.02	-0.01	0.01	-0.02	0.03
65.	0.00	0.00	-0.02	-0.01	0.02	-0.02	0.03
70.	0.02	0.02	-0.02	-0.01	0.02	-0.01	0.04
75.	0.05	0.05	0.00	0.01	0.03	-0.00	0.05
80.	0.10	0.09	0.03	0.05	0.04	0.00	0.05
85.	0.16	0.12	0.07	0.07	0.06	0.01	0.05
90.	0.21	0.14	0.08	0.08	0.07	0.01	0.05
95.	0.23	0.16	0.09	0.08	0.08	0.02	0.07
100.	0.24	0.18	0.10	0.09	0.09	0.02	0.07
105.	0.25	0.18	0.11	0.09	0.09	0.02	0.07
110.	0.26	0.18	0.13	0.09	0.09	0.02	0.06
115.	0.26	0.18	0.13	0.09	0.09	0.02	0.05
120.	0.25	0.17	0.13	0.08	0.08	0.02	0.04
125.	0.24	0.16	0.11	0.07	0.07	0.02	0.03
130.	0.22	0.15	0.10	0.06	0.06	0.02	0.04
135.	0.20	0.14	0.09	0.06	0.06	0.02	0.05
140.	0.17	0.13	0.08	0.05	0.07	0.02	0.05
145.	0.15	0.12	0.07	0.05	0.07	0.02	0.05
150.	0.14	0.11	0.07	0.05	0.06	0.01	0.05
155.	0.14	0.11	0.06	0.06	0.05	0.01	0.04
160.	0.14	0.10	0.07	0.04	0.04	0.02	0.03
165.	0.14	0.10	0.07	0.06	0.04	0.02	0.03
170.	0.15	0.10	0.08	0.07	0.05	0.03	0.04
175.	0.16	0.11	0.09	0.07	0.06	0.03	0.04
180.	0.18	0.12	0.11	0.07	0.07	0.03	0.03
185.	0.20	0.14	0.11	0.07	0.07	0.03	0.02
190.	0.21	0.15	0.12	0.07	0.07	0.03	0.01
195.	0.21	0.15	0.12	0.08	0.07	0.03	0.01
200.	0.20	0.15	0.13	0.08	0.07	0.03	0.01
205.	0.18	0.14	0.12	0.08	0.05	0.03	0.00
210.	0.16	0.12	0.11	0.07	0.04	0.03	-0.01
215.	0.12	0.10	0.09	0.06	0.02	0.03	-0.02
220.	0.09	0.08	0.07	0.04	0.02	0.03	-0.03
225.	0.05	0.05	0.05	0.02	0.01	0.02	-0.03
230.	0.00	0.02	0.03	0.01	-0.00	0.02	-0.23
235.	-0.04	-0.01	0.01	-0.01	-0.02	0.01	-0.23
240.	-0.09	-0.04	-0.01	-0.03	-0.04	0.00	-0.03
245.	-0.12	-0.07	-0.03	-0.04	-0.04	-0.00	-0.04
250.	-0.15	-0.10	-0.05	-0.05	-0.07	-0.00	-0.04
255.	-0.16	-0.13	-0.06	-0.06	-0.08	-0.01	-0.04
260.	-0.20	-0.16	-0.07	-0.07	-0.08	-0.01	-0.05
265.	-0.22	-0.17	-0.08	-0.07	-0.08	-0.01	-0.05
270.	-0.24	-0.18	-0.09	-0.07	-0.08	-0.01	-0.05
275.	-0.25	-0.18	-0.10	-0.08	-0.08	-0.01	-0.05
280.	-0.27	-0.19	-0.11	-0.08	-0.08	-0.01	-0.05
285.	-0.28	-0.19	-0.11	-0.08	-0.08	-0.02	-0.05
290.	-0.30	-0.21	-0.12	-0.09	-0.08	-0.02	-0.05
295.	-0.31	-0.22	-0.12	-0.10	-0.08	-0.02	-0.05
300.	-0.31	-0.24	-0.12	-0.10	-0.08	-0.02	-0.05
305.	-0.33	-0.25	-0.13	-0.11	-0.09	-0.02	-0.05
310.	-0.34	-0.24	-0.14	-0.11	-0.09	-0.02	-0.05
315.	-0.34	-0.23	-0.14	-0.11	-0.10	-0.03	-0.05
320.	-0.31	-0.20	-0.12	-0.10	-0.09	-0.03	-0.05
325.	-0.20	-0.15	-0.09	-0.08	-0.08	-0.02	-0.05
330.	-0.13	-0.12	-0.06	-0.06	-0.07	-0.02	-0.04
335.	-0.20	-0.16	-0.10	-0.08	-0.08	-0.02	-0.04
340.	-0.35	-0.24	-0.17	-0.11	-0.10	-0.04	-0.06
345.	-0.47	-0.33	-0.21	-0.14	-0.17	-0.09	-0.07
350.	-0.47	-0.35	-0.24	-0.17	-0.14	-0.06	-0.06
355.	-0.29	-0.23	-0.19	-0.13	-0.11	-0.05	-0.04

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-505 CNTR NO. 354 TCN# 16. C.R.# 66.0

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AE	EMORD STATION							AE
DEG.	3.455	1.040	1.054	2.990	4.590	7.150	10.400	DEG.
0.	-0.16	-0.11	-0.10	-0.05	-0.06	-0.02	-0.01	0.
5.	-0.07	-0.10	-0.04	-0.01	-0.03	-0.01	-0.00	5.
10.	0.05	0.03	0.01	0.01	0.01	-0.02	-0.01	10.
15.	-0.09	-0.06	-0.05	-0.03	0.01	-0.04	-0.01	15.
20.	-0.16	-0.12	-0.08	-0.07	-0.01	-0.04	-0.02	20.
25.	-0.10	-0.07	-0.06	-0.05	-0.02	-0.04	-0.03	25.
30.	-0.13	-0.12	-0.09	-0.06	-0.03	-0.05	-0.04	30.
35.	-0.10	-0.17	-0.12	-0.08	-0.04	-0.05	-0.04	35.
40.	-0.18	-0.19	-0.13	-0.10	-0.05	-0.05	-0.03	40.
45.	-0.15	-0.19	-0.13	-0.12	-0.05	-0.06	-0.04	45.
50.	-0.09	-0.21	-0.14	-0.12	-0.05	-0.08	-0.04	50.
55.	-0.04	-0.19	-0.14	-0.11	-0.05	-0.07	-0.05	55.
60.	-0.01	-0.12	-0.12	-0.09	-0.04	-0.06	-0.04	60.
65.	0.06	-0.04	-0.08	-0.06	-0.03	-0.05	-0.03	65.
70.	0.11	-0.01	-0.04	-0.03	-0.02	-0.04	-0.03	70.
75.	0.16	0.02	0.01	0.03	-0.00	-0.04	-0.03	75.
80.	0.21	0.06	0.04	0.03	0.02	-0.03	-0.03	80.
85.	0.20	0.11	0.07	0.05	0.04	-0.02	-0.03	85.
90.	0.34	0.15	0.09	0.06	0.06	-0.02	-0.02	90.
95.	0.40	0.18	0.11	0.06	0.07	-0.01	-0.01	95.
100.	0.43	0.19	0.12	0.06	0.09	-0.01	-0.02	100.
105.	0.43	0.20	0.12	0.07	0.10	-0.01	-0.02	105.
110.	0.42	0.19	0.12	0.07	0.10	-0.02	-0.02	110.
115.	0.39	0.17	0.12	0.06	0.10	-0.02	-0.02	115.
120.	0.35	0.14	0.11	0.06	0.10	-0.01	-0.01	120.
125.	0.27	0.11	0.09	0.05	0.09	-0.00	-0.01	125.
130.	0.22	0.09	0.08	0.05	0.09	0.00	-0.01	130.
135.	0.18	0.08	0.06	0.04	0.06	0.00	-0.01	135.
140.	0.16	0.06	0.04	0.02	0.05	0.00	-0.01	140.
145.	0.14	0.05	0.02	0.01	0.04	-0.00	-0.01	145.
150.	0.12	0.04	0.01	-0.00	0.03	-0.00	-0.01	150.
155.	0.11	0.03	0.01	-0.01	0.03	0.00	-0.01	155.
160.	0.11	0.04	0.00	-0.01	0.03	0.00	-0.01	160.
165.	0.11	0.06	0.01	0.01	0.03	0.01	-0.00	165.
170.	0.11	0.08	0.02	0.02	0.04	0.01	0.01	170.
175.	0.11	0.10	0.03	0.03	0.04	0.02	0.01	175.
180.	0.12	0.12	0.05	0.04	0.06	0.03	0.02	180.
185.	0.13	0.14	0.07	0.05	0.07	0.04	0.02	185.
190.	0.14	0.15	0.09	0.06	0.07	0.04	0.02	190.
195.	0.14	0.16	0.10	0.07	0.08	0.05	0.03	195.
200.	0.15	0.16	0.12	0.07	0.08	0.05	0.03	200.
205.	0.14	0.15	0.12	0.08	0.07	0.05	0.03	205.
210.	0.13	0.14	0.11	0.08	0.06	0.05	0.03	210.
215.	0.11	0.13	0.10	0.08	0.05	0.05	0.03	215.
220.	0.08	0.11	0.09	0.07	0.04	0.04	0.03	220.
225.	0.03	0.09	0.07	0.06	0.02	0.04	0.04	225.
230.	-0.01	0.07	0.04	0.06	0.01	0.04	0.03	230.
235.	-0.05	0.05	0.05	0.04	-0.01	0.03	0.03	235.
240.	-0.09	0.03	0.04	0.03	-0.02	0.03	0.02	240.
245.	-0.12	0.01	0.02	0.02	-0.03	0.03	0.02	245.
250.	-0.15	-0.01	0.01	0.01	-0.03	0.03	0.02	250.
255.	-0.17	-0.03	0.00	-0.00	-0.04	0.03	0.03	255.
260.	-0.19	-0.04	-0.01	-0.00	-0.04	0.03	0.02	260.
265.	-0.20	-0.05	-0.01	-0.00	-0.04	0.03	0.02	265.
270.	-0.21	-0.05	-0.01	-0.01	-0.04	0.03	0.02	270.
275.	-0.20	-0.05	-0.01	-0.00	-0.04	0.03	0.02	275.
280.	-0.20	-0.05	-0.01	-0.00	-0.04	0.03	0.03	280.
285.	-0.19	-0.05	-0.01	0.00	-0.04	0.03	0.03	285.
290.	-0.19	-0.04	-0.01	0.00	-0.05	0.03	0.02	290.
295.	-0.17	-0.02	-0.00	0.01	-0.05	0.02	0.01	295.
300.	-0.16	-0.01	0.00	0.01	-0.05	0.02	0.01	300.
305.	-0.16	-0.01	-0.00	0.00	-0.05	0.02	0.01	305.
310.	-0.17	-0.03	-0.01	-0.01	-0.05	0.02	0.01	310.
315.	-0.21	-0.04	-0.03	-0.02	-0.05	0.01	0.01	315.
320.	-0.24	-0.13	-0.06	-0.05	-0.06	0.00	0.01	320.
325.	-0.31	-0.18	-0.13	-0.08	-0.07	-0.00	0.01	325.
330.	-0.37	-0.24	-0.13	-0.08	-0.08	-0.01	0.00	330.
335.	-0.39	-0.27	-0.16	-0.10	-0.10	-0.02	-0.00	335.
340.	-0.34	-0.23	-0.17	-0.10	-0.10	-0.02	-0.00	340.
345.	-0.25	-0.13	-0.11	-0.07	-0.09	-0.01	-0.00	345.
350.	-0.16	-0.07	-0.09	-0.05	-0.08	-0.01	-0.01	350.
355.	-0.14	-0.19	-0.10	-0.09	-0.07	-0.04	-0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-905 CNTR NO. 354 TCM= 16. C.R.= 66.0

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	-0.19	-0.30	-0.11	-0.12	-0.09	-0.01	-0.01	0.
5.	-0.32	-0.45	-0.18	-0.12	-0.07	-0.01	0.01	5.
10.	-0.25	-0.17	-0.14	-0.08	-0.06	-0.01	0.09	10.
15.	-0.16	-0.09	-0.08	-0.07	-0.06	-0.03	-0.02	15.
20.	-0.29	-0.09	-0.07	-0.10	-0.09	-0.04	-0.02	20.
25.	-0.18	-0.04	-0.08	-0.07	-0.05	-0.04	-0.03	25.
30.	-0.27	-0.05	-0.11	-0.08	-0.04	-0.05	-0.03	30.
35.	-0.36	-0.10	-0.13	-0.11	-0.05	-0.05	-0.03	35.
40.	-0.32	-0.15	-0.15	0.11	-0.04	-0.07	-0.03	40.
45.	-0.19	-0.09	-0.16	-0.10	-0.07	-0.08	-0.03	45.
50.	-0.14	-0.08	-0.17	-0.08	-0.04	-0.09	-0.04	50.
55.	-0.12	0.00	-0.17	-0.05	-0.04	-0.09	-0.04	55.
60.	-0.12	0.00	-0.14	-0.04	-0.02	-0.08	-0.03	60.
65.	-0.09	0.10	-0.09	-0.03	0.00	-0.07	-0.03	65.
70.	-0.05	0.14	-0.05	-0.01	0.03	-0.06	-0.03	70.
75.	0.04	0.17	-0.00	0.02	0.05	-0.05	-0.02	75.
80.	0.10	0.20	0.01	0.04	0.07	-0.04	-0.02	80.
85.	0.15	0.24	0.06	0.10	0.09	-0.03	-0.02	85.
90.	0.19	0.29	0.07	0.13	0.10	-0.04	-0.02	90.
95.	0.22	0.31	0.09	0.14	0.11	-0.04	-0.02	95.
100.	0.23	0.34	0.10	0.15	0.11	-0.04	-0.03	100.
105.	0.23	0.37	0.10	0.15	0.11	-0.05	-0.03	105.
110.	0.22	0.39	0.10	0.15	0.11	-0.05	-0.03	110.
115.	0.20	0.32	0.10	0.15	0.11	-0.05	-0.02	115.
120.	0.17	0.26	0.08	0.14	0.11	-0.05	-0.02	120.
125.	0.17	0.21	0.05	0.13	0.11	-0.04	-0.01	125.
130.	0.06	0.18	0.03	0.11	0.09	-0.04	-0.01	130.
135.	0.01	0.16	-0.00	0.09	0.08	-0.04	-0.01	135.
140.	-0.02	0.15	-0.02	0.07	0.07	-0.03	-0.01	140.
145.	-0.10	0.15	-0.06	0.05	0.06	-0.03	-0.02	145.
150.	-0.14	0.11	-0.08	0.00	0.04	-0.03	-0.03	150.
155.	-0.18	0.05	-0.09	0.02	0.02	-0.03	-0.03	155.
160.	-0.20	0.00	-0.10	0.02	-0.00	-0.03	-0.03	160.
165.	-0.21	-0.01	-0.10	0.01	-0.04	-0.03	-0.02	165.
170.	-0.21	0.07	-0.10	0.00	-0.01	-0.04	-0.02	170.
175.	-0.20	0.19	-0.09	-0.02	-0.01	-0.04	-0.01	175.
180.	-0.18	0.23	-0.06	-0.03	-0.00	-0.03	-0.01	180.
185.	-0.16	0.25	-0.04	-0.02	0.00	-0.02	-0.00	185.
190.	-0.12	0.23	-0.04	-0.00	0.01	-0.00	0.01	190.
195.	-0.07	0.22	-0.02	0.01	0.02	0.01	0.01	195.
200.	-0.01	0.21	0.01	0.03	0.02	0.02	0.02	200.
205.	0.04	0.19	0.03	0.04	0.03	0.04	0.02	205.
210.	0.08	0.15	0.05	0.05	0.03	0.04	0.02	210.
215.	0.09	0.10	0.07	0.05	0.02	0.05	0.02	215.
220.	0.10	0.03	0.08	0.05	0.01	0.05	0.02	220.
225.	0.11	-0.04	0.08	0.04	-0.00	0.05	0.02	225.
230.	0.11	-0.09	0.08	0.03	-0.01	0.04	0.02	230.
235.	0.12	-0.12	0.08	0.02	-0.01	0.04	0.02	235.
240.	0.12	-0.12	0.08	0.02	-0.01	0.04	0.02	240.
245.	0.11	-0.12	0.08	0.00	-0.02	0.04	0.02	245.
250.	0.09	-0.13	0.07	-0.01	-0.02	0.07	0.03	250.
255.	0.08	-0.15	0.06	-0.03	-0.03	0.07	0.03	255.
260.	0.07	-0.16	0.06	-0.04	-0.03	0.07	0.03	260.
265.	0.07	-0.19	0.09	-0.03	-0.02	0.07	0.03	265.
270.	0.07	-0.19	0.09	-0.02	-0.04	0.07	0.03	270.
275.	0.09	-0.20	0.10	-0.01	-0.03	0.07	0.03	275.
280.	0.11	-0.19	0.10	-0.01	-0.03	0.07	0.03	280.
285.	0.13	-0.19	0.10	-0.01	-0.02	0.07	0.03	285.
290.	0.14	-0.19	0.09	-0.01	-0.02	0.08	0.03	290.
295.	0.15	-0.18	0.09	-0.02	-0.02	0.08	0.03	295.
300.	0.16	-0.18	0.08	-0.02	-0.02	0.08	0.03	300.
305.	0.16	-0.18	0.08	-0.02	-0.02	0.08	0.03	305.
310.	0.15	-0.18	0.07	-0.02	-0.02	0.07	0.03	310.
315.	0.14	-0.18	0.06	-0.01	-0.03	0.07	0.03	315.
320.	0.12	-0.18	0.05	-0.01	-0.04	0.06	0.03	320.
325.	0.09	-0.17	0.04	-0.01	-0.05	0.06	0.02	325.
330.	0.06	-0.19	0.03	-0.04	-0.06	0.05	0.02	330.
335.	0.05	-0.23	0.02	-0.07	-0.06	0.04	0.02	335.
340.	0.04	-0.24	0.01	-0.08	-0.06	0.03	0.02	340.
345.	0.10	-0.19	-0.01	-0.08	-0.06	0.05	0.02	345.
350.	0.09	-0.16	-0.02	-0.09	-0.06	0.02	0.01	350.
355.	-0.01	-0.18	-0.06	-0.10	-0.07	-0.06	-0.00	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-505 CNTR NO. 354 TCN- 16. C.R.- 66.0

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	-0.24	-0.20	-0.10	-0.05	-0.05	-0.03	-0.00	0.
5.	-0.19	-0.16	-0.10	-0.05	-0.05	-0.02	0.00	5.
10.	-0.09	-0.00	-0.11	-0.05	-0.06	-0.03	0.00	10.
15.	-0.10	-0.14	-0.17	-0.09	-0.09	-0.06	0.00	15.
20.	-0.36	-0.24	-0.25	-0.07	-0.14	-0.07	-0.01	20.
25.	-0.47	-0.33	-0.32	-0.10	-0.10	-0.10	-0.02	25.
30.	-0.46	-0.31	-0.33	-0.13	-0.17	-0.10	-0.02	30.
35.	-0.36	-0.26	-0.27	-0.13	-0.15	-0.09	-0.02	35.
40.	-0.25	-0.20	-0.20	-0.11	-0.13	-0.08	-0.02	40.
45.	-0.14	-0.10	-0.17	-0.11	-0.12	-0.09	-0.02	45.
50.	-0.14	-0.20	-0.20	-0.11	-0.13	-0.10	-0.02	50.
55.	-0.17	-0.21	-0.23	-0.12	-0.14	-0.16	-0.02	55.
60.	-0.17	-0.21	-0.23	-0.12	-0.13	-0.09	-0.02	60.
65.	-0.13	-0.10	-0.19	-0.11	-0.11	-0.08	-0.02	65.
70.	-0.06	-0.14	-0.14	-0.09	-0.09	-0.07	-0.02	70.
75.	0.02	-0.09	-0.00	-0.07	-0.06	-0.05	-0.01	75.
80.	0.10	-0.09	-0.04	-0.25	-0.03	-0.03	-0.01	80.
85.	0.10	-0.01	0.03	-0.04	-0.01	-0.02	-0.01	85.
90.	0.22	0.02	0.04	-0.02	0.01	-0.00	-0.00	90.
95.	0.24	0.05	0.07	-0.01	0.02	0.00	-0.00	95.
100.	0.24	0.05	0.07	0.02	0.03	0.01	-0.00	100.
105.	0.24	0.07	0.07	0.03	0.03	0.01	0.00	105.
110.	0.23	0.06	0.06	0.03	0.03	0.01	0.00	110.
115.	0.22	0.03	0.05	0.02	0.02	0.00	0.01	115.
120.	0.10	-0.01	0.01	0.01	-0.01	-0.01	0.01	120.
125.	0.12	-0.36	-0.03	0.04	-0.03	-0.32	0.01	125.
130.	0.05	-0.11	-0.00	-0.01	-0.00	-0.03	0.00	130.
135.	-0.02	-0.15	-0.16	-0.06	-0.00	-0.03	-0.01	135.
140.	-0.10	-0.18	-0.10	-0.09	-0.10	-0.05	-0.02	140.
145.	-0.17	-0.21	-0.22	-0.10	-0.11	-0.09	-0.02	145.
150.	-0.23	-0.24	-0.25	-0.11	-0.12	-0.06	-0.02	150.
155.	-0.20	-0.26	-0.27	-0.11	-0.13	-0.07	-0.03	155.
160.	-0.31	-0.20	-0.29	-0.12	-0.14	-0.07	-0.03	160.
165.	-0.33	-0.29	-0.29	-0.16	-0.15	-0.10	-0.03	165.
170.	-0.36	-0.29	-0.20	-0.17	-0.15	-0.07	-0.03	170.
175.	-0.34	-0.20	-0.26	-0.13	-0.14	-0.06	-0.02	175.
180.	-0.33	-0.26	-0.24	-0.09	-0.13	-0.05	-0.02	180.
185.	-0.31	-0.23	-0.21	-0.07	-0.11	-0.04	-0.02	185.
190.	-0.27	-0.19	-0.17	-0.06	-0.08	-0.04	-0.01	190.
195.	-0.21	-0.15	-0.13	-0.06	-0.05	-0.02	-0.01	195.
200.	-0.14	-0.10	-0.00	-0.04	-0.02	-0.00	-0.01	200.
205.	-0.06	-0.05	-0.02	-0.01	0.01	0.02	-0.00	205.
210.	0.02	-0.00	0.04	0.02	0.04	0.03	0.00	210.
215.	0.00	0.05	0.10	0.04	0.04	0.04	0.01	215.
220.	0.14	0.10	0.16	0.05	0.09	0.05	0.01	220.
225.	0.10	0.14	0.19	0.04	0.11	0.06	0.01	225.
230.	0.22	0.19	0.22	0.07	0.12	0.06	0.01	230.
235.	0.24	0.22	0.25	0.06	0.14	0.07	0.01	235.
240.	0.26	0.26	0.27	0.09	0.15	0.07	0.02	240.
245.	0.27	0.20	0.20	0.11	0.16	0.08	0.02	245.
250.	0.27	0.30	0.29	0.12	0.17	0.08	0.02	250.
255.	0.27	0.32	0.31	0.13	0.18	0.09	0.03	255.
260.	0.26	0.33	0.32	0.16	0.19	0.11	0.03	260.
265.	0.25	0.34	0.32	0.14	0.18	0.11	0.05	265.
270.	0.25	0.34	0.33	0.15	0.18	0.10	0.03	270.
275.	0.25	0.34	0.33	0.15	0.17	0.09	0.03	275.
280.	0.26	0.34	0.32	0.15	0.17	0.09	0.03	280.
285.	0.26	0.34	0.31	0.15	0.17	0.10	0.03	285.
290.	0.27	0.34	0.30	0.15	0.16	0.10	0.03	290.
295.	0.27	0.35	0.28	0.14	0.16	0.10	0.02	295.
300.	0.26	0.32	0.26	0.14	0.15	0.09	0.02	300.
305.	0.22	0.30	0.24	0.13	0.13	0.08	0.02	305.
310.	0.19	0.20	0.22	0.12	0.11	0.07	0.02	310.
315.	0.15	0.26	0.19	0.10	0.10	0.06	0.02	315.
320.	0.14	0.23	0.17	0.07	0.09	0.05	0.02	320.
325.	0.12	0.20	0.14	0.05	0.08	0.04	0.01	325.
330.	0.11	0.16	0.10	0.06	0.07	0.05	0.01	330.
335.	0.06	0.09	0.07	0.07	0.05	0.04	0.01	335.
340.	-0.06	0.01	0.03	0.04	0.02	0.02	0.00	340.
345.	-0.14	-0.05	-0.01	0.00	-0.02	-0.00	-0.00	345.
350.	-0.16	-0.05	-0.03	-0.03	-0.04	-0.02	-0.00	350.
355.	-0.11	-0.00	-0.00	-0.05	-0.05	-0.03	-0.00	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-505 CNTR NO. 354 TEN= 16. C.R.= 66.3

DIFFERENTIAL PRESSURES

SPAN STATION 109.3

AZ	CHORD STATION							AZ
DEG.	0.455	1.840	1.950	2.990	4.550	7.150	10.400	DEG.
0.	-0.45	-0.29	-0.21	-0.10	-0.23	-0.02	-0.00	0.
5.	-0.47	-0.27	-0.16	-0.05	-0.14	-0.01	-0.01	5.
10.	-0.35	-0.18	-0.10	-0.01	-0.04	-0.01	-0.01	10.
15.	-0.16	-0.10	-0.04	-0.00	-0.04	-0.02	-0.01	15.
20.	-0.22	-0.25	-0.08	-0.00	-0.06	-0.04	-0.02	20.
25.	-0.45	-0.37	-0.23	-0.20	-0.11	-0.07	-0.04	25.
30.	-0.60	-0.46	-0.30	-0.23	-0.13	-0.10	-0.05	30.
35.	-0.65	-0.39	-0.25	-0.21	-0.12	-0.08	-0.04	35.
40.	-0.50	-0.24	-0.18	-0.13	-0.09	-0.06	-0.04	40.
45.	-0.31	-0.24	-0.20	-0.11	-0.07	-0.07	-0.04	45.
50.	-0.27	-0.24	-0.24	-0.15	-0.06	-0.09	-0.05	50.
55.	-0.28	-0.26	-0.27	-0.20	-0.04	-0.10	-0.05	55.
60.	-0.30	-0.22	-0.25	-0.21	-0.02	-0.10	-0.04	60.
65.	-0.25	-0.17	-0.19	-0.18	0.02	-0.10	-0.04	65.
70.	-0.15	-0.10	-0.12	-0.13	0.07	-0.09	-0.04	70.
75.	-0.04	-0.02	-0.05	-0.07	0.13	-0.07	-0.04	75.
80.	0.07	0.06	0.02	-0.01	0.17	-0.05	-0.02	80.
85.	0.16	0.13	0.08	0.02	0.22	-0.04	-0.02	85.
90.	0.24	0.17	0.13	0.05	0.26	-0.03	-0.02	90.
95.	0.30	0.20	0.16	0.08	0.29	-0.03	-0.02	95.
100.	0.33	0.21	0.17	0.09	0.33	-0.03	-0.01	100.
105.	0.31	0.20	0.17	0.08	0.36	-0.04	-0.01	105.
110.	0.27	0.17	0.15	0.07	0.38	-0.05	-0.01	110.
115.	0.21	0.12	0.11	0.05	0.39	-0.06	-0.01	115.
120.	0.14	0.7	0.06	0.02	0.38	-0.07	-0.01	120.
125.	0.05	-0.00	0.01	-0.01	0.36	-0.08	-0.02	125.
130.	-0.05	-0.08	-0.05	-0.05	0.33	-0.08	-0.03	130.
135.	-0.14	-0.17	-0.10	-0.09	0.28	-0.09	-0.04	135.
140.	-0.23	-0.26	-0.14	-0.13	0.22	-0.10	-0.04	140.
145.	-0.33	-0.35	-0.20	-0.17	0.15	-0.10	-0.04	145.
150.	-0.42	-0.43	-0.24	-0.21	0.08	-0.10	-0.04	150.
155.	-0.50	-0.50	-0.28	-0.24	0.02	-0.11	-0.04	155.
160.	-0.57	-0.55	-0.31	-0.25	-0.01	-0.11	-0.05	160.
165.	-0.63	-0.58	-0.33	-0.26	-0.05	-0.11	-0.04	165.
170.	-0.68	-0.59	-0.34	-0.26	-0.07	-0.12	-0.04	170.
175.	-0.69	-0.59	-0.34	-0.26	-0.09	-0.09	-0.03	175.
180.	-0.66	-0.56	-0.32	-0.23	-0.10	-0.08	-0.03	180.
185.	-0.62	-0.52	-0.29	-0.21	-0.11	-0.07	-0.02	185.
190.	-0.55	-0.45	-0.24	-0.17	-0.12	-0.05	-0.01	190.
195.	-0.47	-0.37	-0.19	-0.13	-0.12	-0.03	-0.01	195.
200.	-0.36	-0.26	-0.13	-0.09	-0.11	-0.01	-0.00	200.
205.	-0.24	-0.14	-0.06	-0.05	-0.09	0.02	0.00	205.
210.	-0.11	-0.02	0.02	-0.01	-0.08	0.03	0.01	210.
215.	0.02	0.10	0.09	0.04	-0.06	0.05	0.01	215.
220.	0.15	0.21	0.16	0.08	-0.05	0.06	0.02	220.
225.	0.25	0.28	0.22	0.12	-0.04	0.07	0.02	225.
230.	0.34	0.35	0.26	0.15	-0.04	0.06	0.03	230.
235.	0.42	0.40	0.29	0.10	-0.04	0.09	0.04	235.
240.	0.49	0.44	0.32	0.21	-0.04	0.11	0.04	240.
245.	0.54	0.48	0.34	0.23	-0.03	0.12	0.04	245.
250.	0.58	0.50	0.35	0.24	-0.02	0.12	0.04	250.
255.	0.61	0.52	0.36	0.26	-0.01	0.13	0.05	255.
260.	0.63	0.53	0.36	0.27	0.00	0.14	0.06	260.
265.	0.64	0.53	0.36	0.27	0.02	0.14	0.06	265.
270.	0.64	0.53	0.35	0.27	0.04	0.14	0.06	270.
275.	0.63	0.52	0.33	0.27	0.04	0.14	0.06	275.
280.	0.61	0.50	0.32	0.27	0.00	0.14	0.06	280.
285.	0.59	0.48	0.30	0.26	-0.05	0.14	0.06	285.
290.	0.56	0.44	0.27	0.25	-0.07	0.13	0.06	290.
295.	0.54	0.43	0.25	0.24	-0.07	0.12	0.06	295.
300.	0.54	0.40	0.23	0.22	-0.06	0.12	0.05	300.
305.	0.53	0.37	0.21	0.20	-0.05	0.11	0.04	305.
310.	0.49	0.33	0.18	0.18	-0.07	0.12	0.03	310.
315.	0.41	0.28	0.15	0.16	-0.09	0.09	0.03	315.
320.	0.29	0.23	0.12	0.13	-0.11	0.08	0.03	320.
325.	0.21	0.18	0.08	0.10	-0.14	0.08	0.03	325.
330.	0.19	0.11	0.04	0.06	-0.16	0.07	0.03	330.
335.	0.13	0.04	-0.01	0.03	-0.19	0.06	0.02	335.
340.	0.01	-0.02	-0.04	-0.01	-0.21	0.03	0.02	340.
345.	-0.12	-0.05	-0.13	-0.04	-0.23	0.02	0.02	345.
350.	-0.16	-0.03	-0.14	-0.07	-0.25	0.0	0.02	350.
355.	-0.17	-0.10	-0.21	-0.09	-0.27	0.00	1	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=505 CNTR NO. 354 TCN= 16. C R.= 66.3

DIFFERENTIAL PRESSURES

SPAN STATION 199.5

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	-0.60	-0.33	-0.23	-0.18	-0.10	-0.02	0.01	0.
5.	-0.50	-0.26	-0.16	-0.15	-0.07	-0.03	-0.00	5.
10.	-0.36	-0.20	-0.10	-0.12	-0.05	-0.04	-0.02	10.
15.	-0.31	-0.18	-0.11	-0.13	-0.05	-0.06	-0.02	15.
20.	-0.47	-0.29	-0.20	-0.17	-0.11	-0.08	-0.03	20.
25.	-0.65	-0.41	-0.32	-0.26	-0.16	-0.10	-0.04	25.
30.	-0.67	-0.50	-0.32	-0.17	-0.15	-0.10	-0.03	30.
35.	-0.57	-0.29	-0.24	-0.13	-0.11	-0.09	-0.05	35.
40.	-0.37	-0.18	-0.15	-0.10	-0.08	-0.07	-0.04	40.
45.	-0.21	-0.15	-0.14	-0.12	-0.09	-0.08	-0.05	45.
50.	-0.19	-0.19	-0.18	-0.15	-0.10	-0.10	-0.05	50.
55.	-0.23	-0.23	-0.21	-0.10	-0.11	-0.12	-0.06	55.
60.	-0.28	-0.20	-0.20	-0.17	-0.10	-0.12	-0.06	60.
65.	-0.20	-0.11	-0.15	-0.13	-0.08	-0.11	-0.05	65.
70.	-0.10	-0.02	-0.09	-0.07	-0.06	-0.11	-0.05	70.
75.	0.02	0.06	-0.01	-0.01	-0.03	-0.10	-0.05	75.
80.	0.13	0.13	0.06	0.05	0.01	-0.10	-0.05	80.
85.	0.24	0.20	0.13	0.09	0.05	-0.09	-0.05	85.
90.	0.33	0.27	0.19	0.13	0.08	-0.09	-0.05	90.
95.	0.41	0.33	0.22	0.15	0.11	-0.09	-0.05	95.
100.	0.46	0.36	0.24	0.16	0.12	-0.11	-0.06	100.
105.	0.46	0.36	0.24	0.14	0.12	-0.12	-0.06	105.
110.	0.40	0.33	0.21	0.10	0.12	-0.11	-0.01	110.
115.	0.30	0.27	0.16	0.06	0.10	-0.09	-0.01	115.
120.	0.16	0.19	0.09	0.01	0.08	-0.06	-0.03	120.
125.	0.02	0.08	0.02	-0.03	0.04	-0.04	-0.02	125.
130.	-0.12	-0.04	-0.06	-0.08	0.01	-0.05	-0.02	130.
135.	-0.28	-0.16	-0.12	-0.12	-0.03	-0.06	-0.03	135.
140.	-0.42	-0.28	-0.18	-0.16	-0.06	-0.07	-0.04	140.
145.	-0.56	-0.36	-0.24	-0.19	-0.09	-0.09	-0.04	145.
150.	-0.69	-0.43	-0.30	-0.23	-0.11	-0.10	-0.04	150.
155.	-0.79	-0.48	-0.35	-0.26	-0.12	-0.11	-0.04	155.
160.	-0.87	-0.43	-0.39	-0.29	-0.13	-0.11	-0.03	160.
165.	-0.97	-0.36	-0.43	0.31	-0.14	-0.11	-0.04	165.
170.	-0.94	-0.60	-0.45	-0.32	-0.14	-0.11	-0.03	170.
175.	-0.92	-0.62	-0.44	-0.30	-0.14	-0.10	-0.01	175.
180.	-0.87	-0.61	-0.42	-0.27	-0.13	-0.08	-0.01	180.
185.	-0.80	-0.57	-0.38	-0.24	-0.11	-0.06	-0.01	185.
190.	-0.70	-0.47	-0.33	-0.20	-0.09	-0.04	-0.00	190.
195.	-0.59	-0.36	-0.27	-0.15	-0.07	-0.02	0.01	195.
200.	-0.46	-0.24	-0.21	-0.11	-0.05	-0.06	0.02	200.
205.	-0.33	-0.15	-0.14	-0.06	-0.03	0.02	0.03	205.
210.	-0.18	-0.06	-0.06	-0.02	-0.01	0.04	0.03	210.
215.	-0.04	0.03	0.01	0.03	0.01	0.06	0.03	215.
220.	0.09	0.10	0.08	0.08	0.03	0.08	0.04	220.
225.	0.21	0.17	0.15	0.12	0.05	0.10	0.04	225.
230.	0.33	0.23	0.19	0.16	0.06	0.12	0.05	230.
235.	0.44	0.29	0.24	0.20	0.08	0.14	0.05	235.
240.	0.54	0.33	0.27	0.23	0.09	0.16	0.04	240.
245.	0.64	0.38	0.31	0.24	0.11	0.17	0.05	245.
250.	0.77	0.43	0.34	0.28	0.12	0.18	0.06	250.
255.	0.86	0.48	0.37	0.30	0.13	0.19	0.07	255.
260.	0.93	0.54	0.40	0.31	0.14	0.19	0.08	260.
265.	0.95	0.59	0.43	0.32	0.15	0.19	0.09	265.
270.	0.95	0.62	0.44	0.32	0.16	0.18	0.09	270.
275.	0.93	0.62	0.44	0.31	0.16	0.17	0.07	275.
280.	0.90	0.59	0.43	0.30	0.16	0.16	0.05	280.
285.	0.87	0.55	0.41	0.28	0.14	0.16	0.05	285.
290.	0.83	0.50	0.38	0.26	0.13	0.15	0.04	290.
295.	0.78	0.44	0.35	0.24	0.14	0.14	0.05	295.
300.	0.71	0.38	0.31	0.22	0.13	0.14	0.04	300.
305.	0.63	0.32	0.27	0.19	0.11	0.13	0.04	305.
310.	0.55	0.26	0.23	0.16	0.09	0.12	0.03	310.
315.	0.45	0.20	0.18	0.14	0.07	0.10	0.03	315.
320.	0.35	0.13	0.14	0.11	0.05	0.08	0.02	320.
325.	0.24	0.07	0.09	0.08	0.02	0.06	0.02	325.
330.	0.14	0.01	0.05	0.05	-0.00	0.03	0.02	330.
335.	0.03	-0.05	0.00	0.01	-0.03	0.03	0.01	335.
340.	-0.08	-0.11	-0.05	-0.03	-0.05	0.02	0.01	340.
345.	-0.16	-0.18	-0.09	-0.06	-0.07	0.02	0.01	345.
350.	-0.26	-0.25	0.15	-0.10	-0.08	0.01	0.02	350.
355.	-0.42	-0.30	-0.23	-0.15	-0.10	0.00	0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-503 CTR NO. 351 TCN- 19. C.R.- 60.0

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ	CHORD STATION				AZ
DEG.	0.455	1.950	4.550	13.400	DEG.
0.	0.11	0.07	0.05	-0.30	0.
5.	0.10	0.07	0.04	-0.30	5.
10.	0.11	0.05	0.04	-0.00	10.
15.	0.15	0.08	0.04	-0.00	15.
20.	0.19	0.12	0.07	-0.01	20.
25.	0.23	0.13	0.08	-0.01	25.
30.	0.27	0.11	0.06	-0.01	30.
35.	0.21	0.08	0.04	-0.01	35.
40.	0.12	0.06	0.02	-0.01	40.
45.	0.13	0.07	0.03	-0.01	45.
50.	0.14	0.04	0.04	-0.01	50.
55.	0.09	0.03	0.03	-0.01	55.
60.	0.01	0.02	0.02	-0.01	60.
65.	0.02	0.03	0.02	-0.01	65.
70.	0.07	0.03	0.02	-0.01	70.
75.	0.02	0.02	0.01	-0.01	75.
80.	0.02	0.00	0.00	-0.01	80.
85.	0.02	-0.02	-0.01	-0.00	85.
90.	-0.03	-0.03	-0.02	-0.01	90.
95.	-0.04	-0.02	-0.02	-0.01	95.
100.	0.02	-0.01	-0.02	-0.01	100.
105.	0.04	-0.04	-0.02	-0.00	105.
110.	0.01	-0.06	-0.03	0.00	110.
115.	-0.03	-0.07	-0.03	0.01	115.
120.	-0.07	-0.07	-0.04	0.00	120.
125.	-0.09	-0.07	-0.04	-0.01	125.
130.	-0.11	-0.06	-0.04	-0.01	130.
135.	-0.11	-0.04	-0.04	-0.01	135.
140.	-0.10	-0.04	-0.04	0.00	140.
145.	-0.08	-0.05	-0.03	0.01	145.
150.	-0.04	-0.04	-0.03	0.00	150.
155.	-0.02	-0.03	-0.02	0.00	155.
160.	0.01	-0.01	-0.01	0.01	160.
165.	0.04	0.00	0.01	0.01	165.
170.	0.04	0.02	0.02	0.02	170.
175.	0.00	0.03	0.02	0.02	175.
180.	0.00	0.03	0.01	0.01	180.
185.	0.07	0.05	0.01	0.01	185.
190.	0.05	0.02	0.01	0.02	190.
195.	0.02	0.01	0.00	0.01	195.
200.	-0.01	-0.00	-0.01	0.00	200.
205.	-0.05	-0.01	-0.02	0.00	205.
210.	-0.08	-0.02	-0.03	0.02	210.
215.	-0.11	-0.03	-0.04	0.01	215.
220.	-0.14	-0.04	-0.04	0.01	220.
225.	-0.16	-0.05	-0.04	0.01	225.
230.	-0.18	-0.06	-0.04	0.01	230.
235.	-0.19	-0.06	-0.04	0.00	235.
240.	-0.20	-0.07	-0.04	-0.00	240.
245.	-0.19	-0.07	-0.04	0.00	245.
250.	-0.19	-0.07	-0.04	0.01	250.
255.	-0.17	-0.07	-0.03	0.01	255.
260.	-0.14	-0.07	-0.03	0.01	260.
265.	-0.14	-0.05	-0.02	0.01	265.
270.	-0.12	-0.05	-0.02	0.01	270.
275.	-0.11	-0.05	-0.02	0.01	275.
280.	-0.09	-0.04	-0.02	0.01	280.
285.	-0.08	-0.03	-0.02	0.00	285.
290.	-0.06	-0.02	-0.02	0.00	290.
295.	-0.05	-0.02	-0.02	-0.00	295.
300.	-0.04	-0.01	-0.02	-0.01	300.
305.	-0.02	0.00	-0.02	-0.01	305.
310.	-0.01	0.01	-0.01	-0.01	310.
315.	0.01	0.02	0.00	-0.01	315.
320.	0.02	0.03	0.02	-0.01	320.
325.	0.04	0.03	0.03	-0.01	325.
330.	0.07	0.04	0.04	-0.01	330.
335.	0.09	0.04	0.05	-0.01	335.
340.	0.12	0.07	0.05	-0.01	340.
345.	0.14	0.07	0.05	-0.01	345.
350.	0.14	0.07	0.05	-0.01	350.
355.	0.13	0.07	0.05	-0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#593 CNR NO. 351 TCN# 19. C.P.# 60.0

DIFFERENTIAL PRESSURES

SPAN STATION 79.8

AZ	CHORD STATION								AZ
DEG.	3.455	1.340	1.950	2.990	4.550	7.150	10.400	DEG.	
0.	3.28	2.20	3.14	0.79	0.06	3.36	0.04	0.	
5.	3.25	2.18	0.13	0.08	0.05	3.35	0.34	5.	
10.	0.21	0.14	3.10	0.06	0.04	3.34	0.33	10.	
15.	3.14	0.09	3.27	3.24	0.02	3.33	0.02	15.	
20.	3.07	0.05	0.05	0.32	0.02	3.32	0.02	20.	
25.	3.05	0.05	0.04	0.32	0.32	3.32	0.02	25.	
30.	3.07	0.06	3.23	0.53	0.02	3.31	0.02	30.	
35.	3.09	0.06	0.03	0.03	0.02	3.31	0.02	35.	
40.	3.17	0.06	3.24	0.03	0.33	3.31	0.02	40.	
45.	3.14	0.09	3.05	0.33	0.03	3.31	0.02	45.	
50.	3.17	0.12	0.06	0.34	0.34	3.31	0.03	50.	
55.	3.19	0.14	0.08	0.34	0.05	3.32	0.04	55.	
60.	3.23	3.15	0.08	0.35	0.35	3.32	0.03	60.	
65.	3.19	3.15	0.07	0.04	0.04	3.31	0.03	65.	
70.	3.16	0.14	3.02	0.04	0.06	3.31	0.32	70.	
75.	3.17	0.11	3.05	3.23	0.06	3.31	0.01	75.	
80.	3.09	0.07	3.03	0.32	0.05	0.00	0.01	80.	
85.	3.25	0.04	3.01	0.32	0.34	-3.33	0.01	85.	
90.	3.32	3.01	-3.01	0.32	0.03	-3.31	0.02	90.	
95.	-3.01	-0.02	-3.02	0.31	0.02	-3.31	0.02	95.	
100.	-3.24	-0.04	-0.04	-0.31	0.01	-3.31	3.31	100.	
105.	-3.07	-0.07	-3.05	-0.33	0.00	-0.02	0.01	105.	
110.	-3.10	-0.09	-0.06	-0.33	-0.31	-0.02	-0.00	110.	
115.	-3.13	-0.11	-0.07	-0.34	-0.01	-3.32	-0.01	115.	
120.	-3.15	-0.12	-0.09	-0.34	-0.02	-0.33	-0.02	120.	
125.	-3.17	-0.13	-3.10	-0.35	-0.33	-0.03	-0.02	125.	
130.	-3.18	-0.13	-0.10	-0.36	-0.03	-3.33	-0.32	130.	
135.	-3.19	-0.13	-3.11	-0.37	-0.34	-0.03	-0.02	135.	
140.	-3.19	-0.14	-3.12	-0.37	-0.34	-0.04	-0.03	140.	
145.	-3.18	-0.13	-0.09	-0.38	-0.05	-3.34	-0.03	145.	
150.	-3.15	-0.11	-3.08	-0.37	-0.34	-3.34	-0.32	150.	
155.	-3.11	-0.07	-3.04	-0.36	-0.03	-3.33	-0.32	155.	
160.	-0.05	-0.32	-0.04	-0.34	-0.02	-0.02	-0.01	160.	
165.	3.01	0.02	-0.02	-3.31	-0.01	-0.02	-0.01	165.	
170.	3.04	0.04	0.01	0.01	-0.00	-3.31	-0.01	170.	
175.	3.09	0.06	0.03	0.02	0.01	-3.33	-0.01	175.	
180.	3.09	0.06	0.05	0.03	0.02	0.01	-0.31	180.	
185.	3.37	0.04	3.04	3.34	0.32	0.01	-0.01	185.	
190.	3.33	0.01	3.02	0.04	0.33	0.31	-0.02	190.	
195.	-3.33	-0.03	-3.01	0.32	-0.32	3.33	-0.02	195.	
200.	-3.30	-3.04	-0.04	-3.33	-0.04	-3.31	-0.03	200.	
205.	-3.12	-0.39	-3.04	-0.33	-0.04	-3.31	-0.33	205.	
210.	-3.14	-0.12	-3.09	-3.34	-0.05	-3.32	-3.33	210.	
215.	-0.20	-0.15	-3.11	-3.36	-0.34	-0.32	-0.03	215.	
220.	-3.24	-0.18	-0.13	-0.38	-0.34	-0.03	-0.03	220.	
225.	-3.28	-0.21	-0.15	-0.39	-0.37	-3.33	-0.03	225.	
230.	-3.31	-3.22	-0.15	-0.10	-0.38	-0.34	-3.33	230.	
235.	-0.33	-0.23	-0.14	-0.11	-0.38	-3.33	-0.33	235.	
240.	-3.34	-0.22	-3.15	-0.11	-0.38	-0.33	-0.33	240.	
245.	-3.33	-0.22	-0.14	-0.10	-0.39	-0.33	-0.02	245.	
250.	-3.29	-0.21	-0.12	-0.38	-0.39	-0.33	-0.02	250.	
255.	-3.24	-0.17	-0.09	-0.37	-0.38	-3.32	-0.02	255.	
260.	-3.20	-3.14	-0.07	-0.37	-0.35	-3.32	-0.01	260.	
265.	-0.25	-0.16	-0.10	-0.37	-0.34	-3.31	-0.31	265.	
270.	-0.25	-0.16	-3.13	-0.37	-0.34	-0.01	-0.31	270.	
275.	-3.15	-0.08	-0.07	-3.34	-0.34	-0.01	-0.31	275.	
280.	-0.02	-0.02	-0.03	-0.01	-0.03	-0.01	-0.01	280.	
285.	3.34	0.03	-0.00	0.33	-0.01	-3.33	-0.01	285.	
290.	0.04	3.05	3.02	0.02	-0.30	3.33	-0.01	290.	
295.	0.04	0.06	3.04	0.32	0.31	3.31	-3.33	295.	
300.	0.38	0.06	3.05	3.02	0.01	0.01	0.33	300.	
305.	0.10	0.06	0.04	3.32	0.02	0.01	-0.00	305.	
310.	3.11	0.06	0.04	3.32	0.32	3.30	-0.00	310.	
315.	3.13	0.09	0.07	3.32	0.32	3.31	0.01	315.	
320.	3.15	3.11	0.09	0.04	0.03	3.33	0.01	320.	
325.	0.17	0.14	3.12	3.38	0.34	3.34	0.32	325.	
330.	3.21	0.16	3.14	3.11	0.05	0.04	0.03	330.	
335.	3.26	0.18	3.16	0.11	3.07	0.04	0.02	335.	
340.	3.29	0.19	0.17	0.11	0.38	3.04	0.03	340.	
345.	3.31	0.22	0.18	0.11	0.39	3.34	0.04	345.	
350.	3.31	0.23	0.18	0.11	0.38	3.33	0.04	350.	
355.	0.30	0.22	0.18	0.10	0.67	0.04	0.04	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-503 CTR NO. 351 TCN= 19. C.2.= 60.0

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION								AZ
DEG.	3.455	1.340	1.953	2.990	4.550	7.150	10.400	DEG.	
3.	3.61	0.43	3.32	0.27	0.19	3.10	0.04	0.	
5.	3.57	0.40	0.29	0.24	0.17	3.39	0.03	5.	
10.	3.53	0.37	0.27	0.22	0.15	3.38	0.03	10.	
15.	3.50	0.36	0.26	0.21	0.14	3.07	0.33	15.	
20.	0.49	0.36	0.24	0.20	0.13	3.36	2.02	20.	
25.	3.51	0.37	0.24	0.19	0.13	0.06	0.02	25.	
30.	0.54	0.37	0.24	0.18	0.13	3.05	0.02	30.	
35.	3.55	0.37	0.25	0.18	0.13	3.06	0.02	35.	
40.	3.55	0.36	0.26	0.18	0.13	3.36	2.02	40.	
45.	3.53	0.36	0.25	0.18	0.13	3.36	3.31	45.	
50.	3.51	0.36	0.24	0.16	0.13	0.35	0.01	50.	
55.	3.48	0.34	0.21	0.14	0.12	3.03	0.01	55.	
60.	3.43	0.30	0.18	0.12	0.11	0.02	3.00	60.	
65.	3.38	0.25	0.15	0.11	0.10	3.21	-0.01	65.	
70.	3.32	0.19	0.11	0.09	0.08	3.30	-0.31	70.	
75.	3.24	0.14	0.07	0.07	0.06	-0.31	-0.31	75.	
80.	3.14	0.09	0.03	0.04	0.04	-0.31	-0.01	80.	
85.	3.04	-0.00	-0.01	0.01	0.02	-0.02	-0.01	85.	
90.	-3.04	-0.09	-0.04	-0.02	-0.30	-0.30	-0.02	90.	
95.	-3.07	-0.14	-0.07	-0.06	-0.02	-0.35	-0.03	95.	
100.	-3.10	-0.17	-0.05	-0.04	-0.04	-0.35	-0.33	100.	
105.	-0.12	-0.10	-0.12	-0.11	-0.36	-0.36	-0.33	105.	
110.	-0.16	-0.21	-0.15	-0.13	-0.07	-0.36	-0.03	110.	
115.	-0.21	-0.25	-0.18	-0.14	-0.09	-0.07	-0.04	115.	
120.	-0.26	-0.29	-0.20	-0.16	-0.10	-0.37	-0.04	120.	
125.	-0.29	-0.32	-0.22	-0.18	-0.11	-0.37	-0.34	125.	
130.	-0.31	-0.33	-0.22	-0.20	-0.12	-0.37	-0.03	130.	
135.	-0.33	-0.32	-0.21	-0.20	-0.12	-0.37	-0.03	135.	
140.	-0.34	-0.30	-0.21	-0.20	-0.12	-0.07	-0.03	140.	
145.	-0.35	-0.27	-0.20	-0.20	-0.12	-0.37	-0.03	145.	
150.	-0.35	-0.25	-0.19	-0.19	-0.12	-0.36	-0.03	150.	
155.	-0.34	-0.24	-0.19	-0.19	-0.12	-0.36	-0.03	155.	
160.	-0.32	-0.23	-0.18	-0.18	-0.11	-0.36	-0.22	160.	
165.	-0.30	-0.23	-0.17	-0.17	-0.10	-0.05	-0.22	165.	
170.	-0.28	-0.23	-0.16	-0.16	-0.09	-0.04	-0.02	170.	
175.	-0.27	-0.23	-0.15	-0.15	-0.08	-0.36	-0.02	175.	
180.	-0.27	-0.24	-0.14	-0.10	-0.38	-0.36	-0.22	180.	
185.	-0.28	-0.25	-0.13	-0.11	-0.38	-0.35	-0.32	185.	
190.	-0.30	-0.26	-0.15	-0.12	-0.09	-0.35	-0.02	190.	
195.	-0.33	-0.27	-0.17	-0.14	-0.10	-0.35	-0.02	195.	
200.	-0.36	-0.28	-0.20	-0.15	-0.11	-0.35	-0.02	200.	
205.	-0.40	-0.29	-0.22	-0.16	-0.12	-0.35	-0.02	205.	
210.	-0.45	-0.30	-0.23	-0.16	-0.12	-0.35	-0.01	210.	
215.	-0.49	-0.32	-0.24	-0.17	-0.12	-0.34	-0.01	215.	
220.	-0.53	-0.34	-0.25	-0.18	-0.13	-0.34	-0.01	220.	
225.	-0.56	-0.35	-0.26	-0.18	-0.13	-0.34	-0.01	225.	
230.	-0.59	-0.36	-0.27	-0.19	-0.14	-0.34	-0.01	230.	
235.	-0.61	-0.38	-0.27	-0.19	-0.14	-0.34	-0.00	235.	
240.	-0.62	-0.39	-0.27	-0.19	-0.14	-0.34	-0.30	240.	
245.	-0.62	-0.39	-0.27	-0.19	-0.14	-0.34	-0.31	245.	
250.	-0.62	-0.38	-0.27	-0.18	-0.14	-0.04	-0.01	250.	
255.	-0.58	-0.35	-0.26	-0.18	-0.14	-0.33	-0.01	255.	
260.	-0.49	-0.30	-0.24	-0.16	-0.13	-0.33	-0.00	260.	
265.	-0.37	-0.25	-0.19	-0.13	-0.10	-0.34	0.00	265.	
270.	-0.26	-0.21	-0.11	-0.09	-0.07	-0.33	-0.01	270.	
275.	-0.24	-0.17	-0.05	-0.05	-0.06	-0.32	-0.01	275.	
280.	-0.23	-0.13	-0.04	-0.03	-0.05	-0.00	-0.00	280.	
285.	-0.21	-0.10	-0.04	-0.02	-0.23	0.01	0.00	285.	
290.	-0.13	-0.05	-0.00	0.01	-0.30	0.31	0.02	290.	
295.	0.06	0.04	0.08	0.05	0.03	0.02	0.02	295.	
300.	0.21	0.19	0.16	0.11	0.06	0.04	0.02	300.	
305.	0.34	0.37	0.22	0.17	0.09	0.06	0.03	305.	
310.	0.44	0.42	0.26	0.21	0.11	0.09	0.04	310.	
315.	0.43	0.43	0.28	0.23	0.14	0.10	0.04	315.	
320.	0.42	0.40	0.29	0.24	0.15	0.10	0.04	320.	
325.	0.45	0.40	0.29	0.24	0.16	0.39	0.04	325.	
330.	0.50	0.42	0.31	0.25	0.17	0.09	0.33	330.	
335.	0.54	0.45	0.33	0.27	0.18	0.10	0.03	335.	
340.	0.62	0.48	0.35	0.28	0.19	0.10	0.04	340.	
345.	0.66	0.51	0.36	0.30	0.20	0.11	0.05	345.	
350.	0.69	0.53	0.36	0.30	0.21	0.12	0.05	350.	
355.	0.67	0.56	0.34	0.29	0.21	0.11	0.05	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=503 CNTR NO. 351 TLM= 19. C.R.= 60.0

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CORD STATION							AZ
DEG.	0.455	1.340	1.950	2.990	4.550	7.150	10.400	DEG.
5.	1.07	0.54	3.48	C.32	0.25	0.16	0.07	0.
5.	0.99	0.48	0.45	C.29	0.25	0.16	C.07	5.
10.	0.91	0.43	0.41	C.27	0.24	0.15	C.06	10.
15.	0.87	0.43	0.37	C.26	0.23	0.14	0.06	15.
20.	0.84	0.45	0.34	C.26	0.22	0.13	0.06	20.
25.	0.83	0.48	0.31	C.26	0.22	0.12	C.05	25.
30.	0.83	C.48	0.30	0.26	0.21	0.11	0.05	30.
35.	0.80	0.48	0.29	0.25	0.20	0.10	C.04	35.
40.	0.73	0.48	0.29	0.24	0.20	0.09	0.04	40.
45.	0.67	0.48	0.28	C.23	0.19	0.08	C.03	45.
50.	0.63	0.51	0.27	0.22	0.18	0.06	0.03	50.
55.	0.58	0.53	0.24	C.21	0.16	0.05	0.01	55.
60.	0.50	C.50	0.19	0.19	0.15	0.03	C.00	60.
65.	0.37	0.42	0.11	C.16	0.13	0.03	-C.01	65.
70.	0.21	C.3.	0.02	0.10	0.10	-C.02	-0.01	70.
75.	0.02	0.20	-0.06	C.04	0.07	-0.05	-0.02	75.
80.	-0.14	0.08	-0.11	-C.02	0.04	-0.08	-0.03	80.
85.	-0.27	-0.04	-0.15	-C.06	-0.00	-0.10	-0.04	85.
90.	-0.39	-0.15	-0.20	-0.07	-0.04	-0.11	-0.04	90.
95.	-0.49	-0.23	-0.27	-C.09	-0.07	-0.12	-C.05	95.
100.	-0.56	-0.26	-0.32	-C.13	-0.08	-0.12	-0.05	100.
105.	-0.59	-0.27	-0.31	-C.16	-0.09	-0.13	-0.05	105.
110.	-0.56	-0.26	-0.27	-0.15	-0.09	-0.12	-0.05	110.
115.	-0.51	-0.25	-0.27	-C.13	-0.10	-0.11	-0.05	115.
120.	-0.56	-0.26	-0.29	-0.15	-0.14	-0.11	-0.05	120.
125.	-0.60	-0.31	-0.31	-C.20	-0.17	-0.12	-0.05	125.
130.	-0.68	-0.31	-0.31	-C.20	-0.16	-0.12	-0.05	130.
135.	-0.61	-0.22	-0.30	-C.18	-0.12	-0.12	-C.05	135.
140.	-0.52	-0.15	-0.28	-0.16	-0.11	-0.10	-0.05	140.
145.	-0.52	-0.12	-0.26	-C.16	-0.12	-0.10	-0.04	145.
150.	-0.53	-C.12	-0.25	-0.17	-0.14	-0.13	-0.04	150.
155.	-0.55	-C.12	-0.24	-0.18	-0.14	-0.13	-0.04	155.
160.	-0.58	-0.13	-0.24	-C.18	-0.14	-0.09	-0.04	160.
165.	-0.60	-0.12	-0.23	-C.18	-0.14	-0.08	-0.03	165.
170.	-0.60	-0.11	-0.23	-C.17	-0.15	-0.08	-0.03	170.
175.	-0.54	-C.11	-0.22	-0.17	-0.14	-0.08	-0.03	175.
180.	-0.47	-C.10	-0.20	-C.16	-0.12	-0.07	-0.03	180.
185.	-0.45	-C.09	-0.17	-C.15	-0.11	-0.05	-C.03	185.
190.	-0.46	-C.10	-0.15	-C.15	-0.12	-0.05	-C.03	190.
195.	-0.49	-C.15	-0.15	-C.14	-C.05	-0.05	-C.03	195.
200.	-0.52	-C.21	-0.17	-0.14	-0.14	-0.06	-C.03	200.
205.	-0.51	-C.20	-0.19	-0.14	-0.13	-0.06	-0.02	205.
210.	-0.47	-C.21	-0.21	-0.14	-0.13	-0.05	-0.02	210.
215.	-0.47	-C.25	-0.22	-0.15	-C.14	-0.05	-0.01	215.
220.	-0.50	-C.31	-0.23	-C.17	-0.15	-0.05	-0.01	220.
225.	-0.55	-C.37	-0.25	-0.19	-0.17	-0.05	-0.01	225.
230.	-0.60	-C.45	-0.27	-0.21	-0.18	-0.05	-C.01	230.
235.	-0.64	-C.53	-0.29	-C.22	-0.18	-0.06	-0.01	235.
240.	-0.67	-0.56	-0.30	-C.24	-0.18	-0.06	-0.01	240.
245.	-0.66	-0.56	-0.29	-C.24	-C.20	-0.05	-0.01	245.
250.	-0.71	-0.64	-0.29	-0.25	-0.22	-0.05	-0.01	250.
255.	-0.80	-C.64	-0.29	-0.26	-0.20	-0.05	-0.01	255.
260.	-0.60	-0.52	-0.26	-C.19	-0.15	-0.03	-0.02	260.
265.	-0.25	-0.35	-0.14	-0.13	-0.11	-0.02	-0.02	265.
270.	-0.13	-0.33	0.03	-C.11	-0.11	-0.01	-0.02	270.
275.	-0.30	-0.44	-0.07	-C.14	-0.14	-0.01	-0.02	275.
280.	-0.36	-C.45	-0.12	-C.13	-0.13	-0.02	-C.02	280.
285.	-0.23	-C.34	-0.10	-C.11	-0.10	-0.01	-0.01	285.
290.	-0.11	-0.26	-0.02	-C.09	-0.05	0.01	-0.01	290.
295.	0.02	-0.20	0.06	-C.05	0.01	0.03	0.00	295.
300.	0.21	-0.08	0.15	0.04	0.07	0.05	0.02	300.
305.	0.43	0.10	0.24	C.15	0.12	0.08	0.03	305.
310.	0.65	0.27	0.31	0.21	0.16	0.17	0.05	310.
315.	0.78	0.33	0.37	0.25	0.14	0.14	0.07	315.
320.	0.85	0.37	0.42	0.26	0.20	0.15	0.07	320.
325.	0.94	C.39	0.45	C.27	0.21	0.14	0.07	325.
330.	1.01	0.43	0.48	0.30	0.22	0.16	0.07	330.
335.	1.08	0.50	0.50	0.35	0.25	0.17	0.07	335.
340.	1.14	0.56	0.53	0.36	0.26	0.17	0.07	340.
345.	1.17	0.56	0.55	0.35	0.26	0.17	0.07	345.
350.	1.18	0.56	0.54	0.34	0.25	0.17	0.07	350.
355.	1.14	0.56	0.52	0.33	0.25	0.17	0.07	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=533 CTR NO. 351 TCN= 19. C.R.= 63.7

DIFFERENTIAL PRESSURES

SPAN STATION 178.5

AZ	CHORD STATION							AZ
DEG.	3.455	1.340	1.950	2.900	4.550	7.150	10.400	DEG.
0.	0.09	0.69	0.44	0.25	0.16	0.79	0.02	0.
5.	0.01	0.63	0.43	0.22	0.13	0.09	0.02	5.
10.	0.75	0.58	0.38	0.19	0.11	0.27	0.01	10.
15.	0.86	0.52	0.31	0.15	0.10	0.36	0.00	15.
20.	0.56	0.44	0.22	0.11	0.08	0.34	-0.00	20.
25.	0.49	0.37	0.18	0.09	0.07	0.33	-0.00	25.
30.	0.43	0.33	0.17	0.08	0.05	0.02	-0.00	30.
35.	0.40	0.29	0.16	0.08	0.04	0.22	-0.00	35.
40.	0.38	0.26	0.15	0.07	0.02	0.01	-0.01	40.
45.	0.36	0.23	0.13	0.05	-0.00	0.20	-0.01	45.
50.	0.34	0.18	0.10	0.04	-0.02	-0.21	-0.02	50.
55.	0.28	0.13	0.04	0.02	-0.04	-0.02	-0.01	55.
60.	0.12	0.05	-0.02	-0.02	-0.05	-0.04	-0.01	60.
65.	-0.06	-0.05	-0.09	-0.09	-0.06	-0.07	-0.02	65.
70.	-0.14	-0.16	-0.15	-0.10	-0.09	-0.06	-0.03	70.
75.	-0.28	-0.25	-0.23	-0.15	-0.12	-0.09	-0.04	75.
80.	-0.46	-0.36	-0.34	-0.20	-0.19	-0.14	-0.04	80.
85.	-0.66	-0.49	-0.46	-0.26	-0.26	-0.17	-0.05	85.
90.	-0.85	-0.63	-0.57	-0.31	-0.32	-0.19	-0.05	90.
95.	-1.02	-0.76	-0.64	-0.35	-0.36	0.20	-0.06	95.
100.	-1.14	-0.86	-0.71	-0.38	-0.39	-0.21	-0.06	100.
105.	-1.19	-0.92	-0.73	-0.38	-0.38	-0.20	-0.05	105.
110.	-1.16	-0.98	-0.72	-0.36	-0.35	-0.17	-0.05	110.
115.	-1.07	-0.98	-0.63	-0.32	-0.29	-0.12	-0.03	115.
120.	-0.78	-0.84	-0.66	-0.25	-0.18	-0.07	-0.01	120.
125.	-0.32	-0.45	-0.19	-0.16	-0.10	-0.04	-0.01	125.
130.	-0.03	-0.24	-0.15	-0.11	-0.06	-0.06	-0.03	130.
135.	-0.06	-0.19	-0.13	-0.10	-0.05	-0.06	-0.03	135.
140.	-0.16	-0.19	-0.14	-0.12	-0.05	-0.05	-0.03	140.
145.	-0.16	-0.18	-0.14	-0.12	-0.04	-0.03	-0.02	145.
150.	-0.12	-0.12	-0.10	-0.10	-0.02	-0.01	-0.01	150.
155.	0.02	0.01	-0.00	-0.04	0.06	0.02	-0.00	155.
160.	0.37	0.22	0.22	0.09	0.16	0.07	0.01	160.
165.	0.93	0.62	0.54	0.20	0.75	0.13	0.03	165.
170.	1.33	0.83	0.71	0.26	0.32	0.16	0.04	170.
175.	1.18	0.83	0.69	0.30	0.36	0.16	0.04	175.
180.	1.39	0.99	0.76	0.34	0.38	0.18	0.04	180.
185.	1.60	1.10	0.81	0.37	0.37	0.18	0.05	185.
190.	1.57	0.83	0.59	0.27	0.32	0.20	0.04	190.
195.	0.21	0.32	0.18	0.13	0.20	0.15	0.04	195.
200.	-0.69	-0.12	-0.17	0.00	0.06	0.06	0.03	200.
205.	-0.90	-0.35	-0.32	-0.09	-0.07	0.03	0.02	205.
210.	-0.90	-0.50	-0.27	-0.15	-0.11	-0.06	0.01	210.
215.	-1.20	-0.61	-0.42	-0.18	-0.13	-0.01	0.00	215.
220.	-1.26	-0.66	-0.44	-0.19	-0.12	-0.00	0.01	220.
225.	-1.04	-0.65	-0.41	-0.17	-0.11	0.01	0.02	225.
230.	-0.95	-0.63	-0.38	-0.15	-0.12	0.01	0.03	230.
235.	-0.89	-0.60	-0.36	-0.17	-0.16	-0.02	0.02	235.
240.	-0.89	-0.60	-0.36	-0.19	-0.19	-0.05	0.01	240.
245.	-0.97	-0.61	-0.38	-0.20	-0.19	-0.08	-0.01	245.
250.	-0.82	-0.55	-0.35	-0.16	-0.16	-0.09	-0.01	250.
255.	-0.52	0.37	-0.23	-0.12	-0.14	-0.07	-0.01	255.
260.	-0.39	-0.34	-0.18	-0.11	-0.12	-0.04	-0.01	260.
265.	-0.38	-0.34	-0.19	-0.10	-0.11	-0.04	-0.01	265.
270.	-0.42	-0.33	-0.20	-0.09	-0.05	-0.05	-0.01	270.
275.	-0.43	-0.32	-0.21	-0.08	-0.07	-0.06	-0.01	275.
280.	-0.39	-0.29	-0.18	-0.06	-0.06	-0.06	-0.00	280.
285.	-0.29	-0.19	-0.11	-0.02	-0.03	-0.04	-0.00	285.
290.	-0.15	-0.06	-0.01	0.32	0.01	-0.03	0.00	290.
295.	-0.03	0.04	0.09	0.36	0.06	-0.01	0.01	295.
300.	0.06	0.10	0.14	0.09	0.10	0.00	0.01	300.
305.	0.15	0.15	0.19	0.12	0.13	0.02	0.01	305.
310.	0.30	0.25	0.26	0.16	0.15	0.04	0.02	310.
315.	0.44	0.38	0.35	0.20	0.16	0.06	0.02	315.
320.	0.65	0.50	0.45	0.23	0.18	0.08	0.02	320.
325.	0.74	0.59	0.50	0.25	0.19	0.09	0.02	325.
330.	0.81	0.66	0.51	0.27	0.19	0.10	0.02	330.
335.	0.87	0.70	0.52	0.28	0.20	0.10	0.02	335.
340.	0.93	0.72	0.52	0.29	0.20	0.10	0.02	340.
345.	0.96	0.76	0.52	0.29	0.20	0.10	0.03	345.
350.	1.20	0.76	0.52	0.29	0.21	0.10	0.03	350.
355.	0.98	0.74	0.50	0.28	0.20	0.10	0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-503 CNTR NO. 351 TCN= 19. C.R.= 60.0

DIFFERENTIAL PRESSURES

SPAN STATION 109.0

Az	CHORD STATION							Az
DEG.	3.455	1.040	1.950	2.990	4.550	7.170	10.400	DEG.
0.	3.97	3.11	3.66	0.03	-0.11	-0.62	-0.02	0.
5.	-3.52	0.35	3.65	0.01	-0.12	-0.74	-0.33	5.
10.	-3.12	0.01	0.02	-0.03	-0.13	-0.06	-0.0	10.
15.	-3.24	-0.06	-0.08	-0.08	-0.14	-0.08	-0.04	15.
20.	-3.37	-0.16	-0.17	-0.14	-0.15	-0.10	-0.05	20.
25.	-3.48	-0.25	-0.25	-0.20	-0.14	-0.11	-0.06	25.
30.	-3.55	-0.30	-0.31	-0.24	-0.13	-0.12	-0.06	30.
35.	-3.58	-0.33	-0.33	-0.25	-0.12	-0.13	-0.06	35.
40.	-3.60	-0.36	-0.34	-0.26	-0.10	-0.15	-0.06	40.
45.	-3.65	-0.39	-0.35	-0.26	-0.08	-0.17	-0.07	45.
50.	-3.71	-0.44	-0.37	-0.27	-0.05	-0.19	-0.07	50.
55.	-3.79	-0.50	-0.41	-0.29	-0.05	-0.20	-0.08	55.
60.	-3.88	-0.58	-0.46	-0.33	-0.07	-0.20	-0.08	60.
65.	-3.96	-0.68	-0.49	-0.38	-0.09	-0.20	-0.09	65.
70.	-4.01	-0.81	-0.50	-0.41	-0.11	-0.23	-0.09	70.
75.	-4.10	-0.96	-0.53	-0.44	-0.13	-0.20	-0.10	75.
80.	-4.25	-1.11	-0.58	-0.49	-0.15	-0.23	-0.11	80.
85.	-4.49	-1.25	-0.71	-0.59	-0.15	-0.27	-0.12	85.
90.	-4.82	-1.40	-0.90	-0.71	-0.15	-0.29	-0.11	90.
95.	-5.11	-1.67	-1.03	-0.90	-0.20	-0.29	-0.11	95.
100.	-5.43	-1.78	-1.08	-0.91	-0.25	-0.27	-0.09	100.
105.	-5.74	-1.49	-0.85	-0.67	-0.25	-0.21	-0.07	105.
110.	-6.04	-0.94	-0.47	-0.42	-0.18	-0.14	-0.06	110.
115.	-6.32	-0.32	-0.19	-0.19	-0.07	-0.05	-0.04	115.
120.	-6.59	0.03	0.03	-0.02	0.09	0.02	-0.01	120.
125.	-6.85	0.30	0.29	0.13	0.24	0.05	0.01	125.
130.	-7.13	-0.29	0.03	0.11	0.29	0.05	0.04	130.
135.	-7.41	-0.62	-0.15	-0.08	0.21	0.06	0.05	135.
140.	-7.69	-0.92	-0.15	-0.07	0.22	0.09	0.07	140.
145.	-7.98	-1.21	-0.03	0.04	0.26	0.13	0.11	145.
150.	-8.26	-1.50	0.15	0.15	0.33	0.19	0.14	150.
155.	-8.54	-1.81	0.31	0.32	0.39	0.21	0.15	155.
160.	-8.82	-2.11	0.39	0.25	0.44	0.22	0.15	160.
165.	-9.10	-2.40	0.41	0.30	0.48	0.23	0.15	165.
170.	-9.38	-2.69	0.53	0.50	0.49	0.24	0.15	170.
175.	-9.66	-2.98	0.67	0.54	0.48	0.25	0.14	175.
180.	-9.94	-3.27	0.67	0.54	0.44	0.27	0.15	180.
185.	-10.22	-3.56	0.64	0.53	0.44	0.29	0.17	185.
190.	-10.50	-3.85	0.73	0.56	0.40	0.27	0.17	190.
195.	-10.78	-4.14	0.84	0.57	0.34	0.21	0.11	195.
200.	-11.06	-4.43	1.01	0.54	0.25	0.11	-0.05	200.
205.	-11.34	-4.72	1.05	0.49	0.17	0.05	-0.07	205.
210.	-11.62	-5.01	1.03	0.51	0.16	0.04	-0.07	210.
215.	-11.90	-5.30	1.02	0.57	0.18	0.05	-0.07	215.
220.	-12.18	-5.59	1.01	0.60	0.22	0.08	-0.07	220.
225.	-12.46	-5.88	0.96	0.60	0.26	0.11	-0.04	225.
230.	-12.74	-6.17	0.88	0.54	0.25	0.14	0.01	230.
235.	-13.02	-6.46	0.71	0.34	0.14	0.15	0.03	235.
240.	-13.30	-6.75	0.55	0.10	-0.09	0.12	0.03	240.
245.	-13.58	-7.04	-0.35	-0.34	-0.29	0.1	0.04	245.
250.	-13.86	-7.33	-0.50	-0.32	-0.34	0.05	0.02	250.
255.	-14.14	-7.62	-0.45	-0.20	-0.21	0.01	0.03	255.
260.	-14.42	-7.91	-0.12	0.10	-0.04	0.15	0.08	260.
265.	-14.70	-8.20	-0.01	0.30	0.01	0.24	0.12	265.
270.	-14.98	-8.49	-0.20	0.11	-0.15	0.14	0.10	270.
275.	-15.26	-8.78	-0.36	-0.16	-0.29	0.01	0.03	275.
280.	-15.54	-9.07	-0.39	-0.26	-0.34	-0.07	-0.02	280.
285.	-15.82	-9.36	-0.26	-0.25	-0.30	-0.04	-0.02	285.
290.	-16.10	-9.65	-0.20	-0.16	-0.27	-0.03	-0.02	290.
295.	-16.38	-9.94	-0.21	-0.10	-0.24	-0.02	-0.02	295.
300.	-16.66	-10.23	-0.23	-0.05	-0.25	-0.01	-0.01	300.
305.	-16.94	-10.52	-0.19	-0.02	-0.20	-0.00	-0.01	305.
310.	-17.22	-10.81	-0.12	0.01	-0.15	0.00	-0.00	310.
315.	-17.50	-11.10	-0.03	0.03	-0.12	0.00	-0.01	315.
320.	-17.78	-11.39	0.04	0.04	-0.11	0.01	-0.01	320.
325.	-18.06	-11.68	0.07	0.07	-0.10	0.01	-0.00	325.
330.	-18.34	-11.97	0.08	0.04	-0.10	0.01	-0.00	330.
335.	-18.62	-12.26	0.09	0.04	-0.09	0.00	-0.01	335.
340.	-18.90	-12.55	0.12	0.09	-0.09	-0.00	-0.02	340.
345.	-19.18	-12.84	0.13	0.12	-0.08	-0.01	-0.02	345.
350.	-19.46	-13.13	0.14	0.12	-0.09	-0.01	-0.02	350.
355.	-19.74	-13.42	0.11	0.08	-0.10	-0.02	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=303 CNTR NO. 351 TEN= 10. C.R.= 60.0

DIFFERENTIAL PRESSURES

SPAN STATION 100.5

AZ	CHORD STATION							AZ
000.	0.455	1.040	1.950	2.900	4.350	7.150	10.400	000.
0.	-2.00	-0.03	-0.50	-0.37	-0.23	-0.11	-0.02	0.
5.	-2.13	-0.01	-0.57	-0.41	-0.26	-0.12	-0.02	5.
10.	-2.27	-0.00	-0.64	-0.45	-0.29	-0.14	-0.03	10.
15.	-2.41	-1.00	-0.72	-0.49	-0.31	-0.16	-0.04	15.
20.	-2.54	-1.13	-0.79	-0.52	-0.33	-0.18	-0.06	20.
25.	-2.67	-1.20	-0.83	-0.56	-0.35	-0.20	-0.07	25.
30.	-2.73	-1.20	-0.85	-0.59	-0.36	-0.20	-0.07	30.
35.	-2.71	-1.30	-0.84	-0.59	-0.36	-0.20	-0.06	35.
40.	-2.59	-1.16	-0.80	-0.55	-0.34	-0.20	-0.07	40.
45.	-2.50	-1.10	-0.76	-0.54	-0.34	-0.21	-0.07	45.
50.	-2.40	-1.31	-0.66	-0.66	-0.33	-0.22	-0.08	50.
55.	-2.76	-1.34	-0.69	-0.64	-0.34	-0.24	-0.08	55.
60.	-2.72	-1.29	-0.64	-0.62	-0.30	-0.23	-0.08	60.
65.	-2.51	-1.17	-0.70	-0.56	-0.26	-0.22	-0.08	65.
70.	-2.62	-1.07	-0.55	-0.64	-0.24	-0.20	-0.07	70.
75.	-1.99	-1.70	-0.65	-0.35	-0.24	-0.18	-0.20	75.
80.	-2.00	-0.60	-0.49	-0.43	-0.26	-0.20	-0.09	80.
85.	-2.45	-0.09	-0.66	-0.53	-0.29	-0.26	-0.10	85.
90.	-2.01	-1.13	-0.79	-0.57	-0.32	-0.27	-0.10	90.
95.	-3.61	-1.7	-0.66	-0.49	-0.27	-0.25	-0.11	95.
100.	-2.64	-0.25	-3.20	-0.20	-0.20	-0.20	-0.06	100.
105.	2.20	0.5	0.21	-0.02	-0.03	-0.12	-0.05	105.
110.	1.51	0.4	0.33	3.03	0.02	-0.05	-0.02	110.
115.	1.49	0.41	0.34	0.25	0.00	-0.00	-0.01	115.
120.	2.22	0.02	0.40	0.32	0.13	3.02	-0.01	120.
125.	2.97	1.12	0.66	0.30	0.10	3.03	-0.22	125.
130.	3.34	1.20	0.73	0.43	0.22	0.03	-0.33	130.
135.	3.30	1.34	1.76	0.45	0.24	0.02	-0.04	135.
140.	3.32	1.23	1.76	0.47	0.25	0.02	-0.04	140.
145.	3.26	1.16	0.73	0.47	0.26	3.04	-0.03	145.
150.	3.22	1.14	0.71	0.47	0.26	3.07	-0.02	150.
155.	3.20	1.11	0.40	0.45	0.26	3.30	-0.02	155.
160.	3.09	1.02	0.45	0.44	0.25	0.00	-0.30	160.
165.	2.99	0.09	3.07	3.42	0.23	0.00	0.00	165.
170.	2.60	0.05	0.54	0.40	0.21	0.10	0.01	170.
175.	2.63	0.00	3.57	0.40	0.22	3.12	0.03	175.
180.	2.79	0.02	1.50	0.42	0.25	0.14	0.25	180.
185.	2.92	0.06	0.60	0.44	0.27	0.17	0.05	185.
190.	3.06	0.09	0.63	0.47	0.29	0.10	0.05	190.
195.	3.30	0.00	0.46	0.49	0.30	0.19	0.06	195.
200.	2.72	0.06	0.17	0.50	0.31	0.19	0.07	200.
205.	2.10	0.02	0.14	0.40	0.31	0.19	0.07	205.
210.	1.63	0.05	0.19	0.45	0.30	0.10	0.07	210.
215.	1.12	0.73	3.51	3.41	0.20	0.10	0.30	215.
220.	0.50	0.57	0.4	1.30	0.25	0.10	0.00	220.
225.	0.21	0.49	0.44	1.32	0.24	0.10	0.09	225.
230.	0.30	0.49	0.40	1.33	0.25	3.19	0.09	230.
235.	0.79	0.62	0.45	1.30	0.27	3.21	0.10	235.
240.	1.75	0.00	3.52	0.43	0.27	0.21	0.10	240.
245.	2.63	0.04	0.50	3.42	0.25	0.15	0.00	245.
250.	2.00	1.02	0.62	0.42	0.22	0.11	0.02	250.
255.	2.97	0.00	0.62	0.43	0.20	0.14	0.01	255.
260.	2.35	0.04	0.57	0.42	0.23	0.10	0.05	260.
265.	1.27	0.60	0.40	0.42	0.24	0.21	0.00	265.
270.	0.22	0.40	0.35	0.30	0.20	0.20	0.13	270.
275.	-0.22	0.09	3.17	0.24	0.12	0.16	0.09	275.
280.	-0.04	-0.20	-0.03	0.01	0.04	0.13	0.07	280.
285.	-3.97	-0.10	-0.11	-0.07	-0.00	0.00	0.04	285.
290.	-1.20	-0.33	-0.23	-0.00	-0.04	3.34	0.04	290.
295.	-1.39	-0.43	-0.23	-0.14	-0.07	3.00	0.25	295.
300.	-1.23	-0.32	-0.19	-0.10	-0.07	0.04	0.05	300.
305.	-1.35	-0.49	-0.35	-0.23	-0.07	-0.37	0.03	305.
310.	-1.00	-0.30	-0.24	-0.11	-0.00	0.02	0.03	310.
315.	-1.25	-0.30	-0.21	-0.12	-0.00	3.02	0.02	315.
320.	-1.65	-0.50	-0.35	-0.21	-0.10	0.01	0.01	320.
325.	-1.00	-0.71	-0.41	-0.20	-0.13	0.00	0.01	325.
330.	-1.00	-0.70	-0.43	-0.20	-0.16	-0.02	0.30	330.
335.	-1.72	-0.65	-0.47	-0.20	-0.10	-0.00	-0.01	335.
340.	-1.70	-0.63	-0.42	-0.20	-0.17	-0.04	-0.01	340.
345.	-1.70	-0.63	-0.41	-0.27	-0.17	-0.05	-0.01	345.
350.	-1.74	-0.66	-0.40	-0.29	-0.18	-0.07	0.01	350.
355.	-1.05	-0.74	-0.43	-0.33	-0.20	-0.09	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-498 CNR NO. 494 TCM-21. C.R.-36.3

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ		CHORD STATION			AZ	
DEG.	0.499	1.499	2.499	10.400	DEG.	
0.	-0.05	-0.05	-0.05	0.01	0.	
5.	-0.00	0.02	0.02	0.01	5.	
10.	0.00	0.04	0.04	0.01	10.	
15.	0.16	0.06	0.07	0.02	15.	
20.	0.17	0.07	0.07	0.02	20.	
25.	0.13	0.06	0.05	0.01	25.	
30.	0.05	0.03	0.01	-0.00	30.	
35.	-0.05	0.03	0.01	0.00	35.	
40.	-0.10	0.04	0.03	0.00	40.	
45.	-0.14	0.05	0.03	0.01	45.	
50.	-0.14	-0.00	-0.00	0.00	50.	
55.	-0.03	-0.05	-0.01	0.01	55.	
60.	0.00	-0.06	0.01	0.02	60.	
65.	0.12	-0.05	0.04	0.01	65.	
70.	0.11	-0.03	0.04	-0.00	70.	
75.	0.00	-0.01	0.03	-0.01	75.	
80.	0.00	0.02	0.01	-0.00	80.	
85.	0.00	0.03	0.01	0.00	85.	
90.	0.12	0.03	0.01	-0.00	90.	
95.	0.14	0.04	0.02	-0.01	95.	
100.	0.15	0.04	0.03	-0.01	100.	
105.	0.14	0.04	0.03	-0.00	105.	
110.	0.10	0.04	0.04	0.01	110.	
115.	0.10	0.04	0.04	0.01	115.	
120.	0.14	0.06	0.05	0.01	120.	
125.	0.17	0.06	0.05	0.01	125.	
130.	0.10	0.07	0.05	0.00	130.	
135.	0.10	0.07	0.05	0.00	135.	
140.	0.10	0.07	0.05	-0.00	140.	
145.	0.20	0.07	0.05	-0.01	145.	
150.	0.21	0.07	0.05	-0.01	150.	
155.	0.22	0.08	0.05	-0.00	155.	
160.	0.23	0.10	0.05	0.00	160.	
165.	0.24	0.11	0.06	0.00	165.	
170.	0.25	0.12	0.06	0.00	170.	
175.	0.25	0.13	0.07	0.00	175.	
180.	0.25	0.13	0.07	0.00	180.	
185.	0.25	0.13	0.07	0.00	185.	
190.	0.24	0.12	0.07	0.00	190.	
195.	0.22	0.11	0.07	0.00	195.	
200.	0.20	0.10	0.06	-0.01	200.	
205.	0.17	0.08	0.05	0.01	205.	
210.	0.13	0.06	0.03	0.01	210.	
215.	0.08	0.04	0.01	0.01	215.	
220.	0.01	0.02	-0.00	0.00	220.	
225.	-0.05	-0.00	-0.01	-0.01	225.	
230.	-0.09	-0.02	-0.02	-0.01	230.	
235.	-0.12	-0.04	-0.03	-0.01	235.	
240.	-0.15	-0.05	-0.03	-0.00	240.	
245.	-0.16	-0.06	-0.04	-0.00	245.	
250.	-0.17	-0.07	-0.05	-0.01	250.	
255.	-0.19	-0.08	-0.05	-0.01	255.	
260.	-0.21	-0.10	-0.06	-0.01	260.	
265.	-0.23	-0.12	-0.07	0.00	265.	
270.	-0.25	-0.12	-0.07	0.01	270.	
275.	-0.27	-0.13	-0.08	0.00	275.	
280.	-0.29	-0.13	-0.08	-0.01	280.	
285.	-0.30	-0.13	-0.08	-0.01	285.	
290.	-0.30	-0.13	-0.09	-0.00	290.	
295.	-0.31	-0.13	-0.09	-0.00	295.	
300.	-0.31	-0.12	-0.09	-0.01	300.	
305.	-0.30	-0.12	-0.09	-0.01	305.	
310.	-0.29	-0.11	-0.09	-0.02	310.	
315.	-0.27	-0.10	-0.09	-0.01	315.	
320.	-0.25	-0.11	-0.09	-0.01	320.	
325.	-0.22	-0.11	-0.08	-0.01	325.	
330.	-0.20	-0.11	-0.07	-0.01	330.	
335.	-0.16	-0.10	-0.06	-0.02	335.	
340.	-0.17	-0.10	-0.06	-0.01	340.	
345.	-0.11	-0.08	-0.06	0.00	345.	
350.	-0.14	-0.06	-0.05	0.01	350.	
355.	-0.14	-0.05	-0.05	0.01	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-408 CTR NO. 494 TCN= 21. C.R.= 30.0

DIFFERENTIAL PRESSURES

SPAN STATION 79.9

AZ	CHORD STATION								AZ
065.	2.455	1.061	1.952	2.900	4.590	7.152	17.400	066.	
3.	3.10	0.04	0.14	1.04	0.33	2.03	-0.01	0.	
5.	0.00	-0.01	0.02	0.03	0.02	2.32	-0.02	1.	
10.	-0.11	-0.02	-0.04	-0.00	0.01	2.71	-0.33	12.	
15.	-0.01	0.03	0.01	0.01	0.32	0.32	-0.02	15.	
20.	0.11	0.15	0.02	2.04	0.04	0.32	-0.00	20.	
25.	2.12	0.17	0.06	0.06	0.34	0.02	0.40	25.	
30.	2.19	0.15	0.08	0.27	0.34	2.11	0.00	30.	
35.	2.17	0.04	0.01	0.04	0.35	0.32	-0.01	35.	
40.	-0.37	-0.00	-0.00	-0.01	0.04	-0.30	-0.22	40.	
45.	-0.20	-0.07	-0.04	-0.31	0.33	-0.33	-0.32	45.	
50.	-0.00	0.00	0.00	0.21	0.33	0.30	-0.22	50.	
55.	-0.01	-0.01	-0.03	0.32	0.33	-0.30	-0.03	55.	
60.	-0.34	-0.05	-0.05	-0.30	0.33	-0.31	-0.03	60.	
65.	-0.30	-0.30	-0.04	-0.32	0.33	-0.32	-0.21	65.	
70.	-0.00	-0.05	-0.03	-0.32	0.33	-0.32	0.03	70.	
75.	-0.00	-0.04	-0.02	-0.32	0.33	-0.32	0.04	75.	
80.	-0.02	-0.01	-0.01	-0.32	0.33	-0.32	0.04	80.	
85.	2.30	0.01	-0.00	-0.31	0.33	-0.32	0.04	85.	
90.	2.05	0.04	0.00	0.00	0.04	-0.32	0.04	90.	
95.	0.07	0.07	0.02	0.02	0.34	-0.32	0.04	95.	
100.	0.07	0.10	0.03	0.03	0.34	-0.32	0.04	100.	
105.	2.12	0.13	0.04	2.34	0.04	-0.32	0.07	105.	
110.	2.10	0.15	2.05	2.35	2.34	-0.32	0.04	110.	
115.	0.21	0.17	0.07	0.04	0.35	-0.31	0.04	115.	
120.	2.24	2.10	2.00	0.37	0.37	2.35	0.37	120.	
125.	2.25	2.19	2.09	0.37	0.34	2.31	0.00	125.	
130.	0.24	0.19	0.12	0.07	0.39	0.32	0.04	130.	
135.	2.24	0.19	2.10	0.00	0.10	0.32	0.00	135.	
140.	0.24	0.19	0.11	0.30	0.32	0.32	0.07	140.	
145.	2.27	0.20	0.11	0.30	0.32	0.32	0.00	145.	
150.	0.30	2.21	0.11	0.09	0.10	2.32	0.07	150.	
155.	2.32	0.22	0.13	0.09	0.10	2.32	0.30	155.	
160.	0.35	0.24	0.15	0.10	0.11	2.32	0.30	160.	
165.	0.30	0.26	2.17	0.11	0.12	2.33	0.07	165.	
170.	0.39	0.20	0.10	0.12	0.12	0.04	0.07	170.	
175.	2.42	0.24	0.21	0.13	0.13	2.35	0.07	175.	
180.	2.40	0.20	0.22	0.13	0.13	2.36	0.04	180.	
185.	2.39	0.26	0.23	0.13	0.12	0.30	0.05	185.	
190.	2.36	0.24	0.22	0.13	0.11	0.00	0.03	190.	
195.	2.32	0.21	0.20	0.12	0.10	0.30	0.02	195.	
200.	2.30	0.19	0.17	0.11	0.00	0.35	0.01	200.	
205.	2.23	2.14	0.14	0.00	0.35	2.35	-0.00	205.	
210.	0.16	2.15	0.13	0.07	0.02	0.34	-0.31	210.	
215.	2.12	0.13	0.04	0.04	-0.31	2.33	-0.32	215.	
220.	0.07	0.09	0.03	0.02	-0.03	0.02	-0.03	220.	
225.	0.01	0.02	2.01	-0.37	-0.04	0.31	-0.03	225.	
230.	-0.04	-0.04	-0.02	-0.32	-0.34	-0.32	-0.04	230.	
235.	-0.05	-0.00	-0.04	-0.04	-0.35	-0.31	-0.04	235.	
240.	-0.13	-0.11	-0.00	-0.00	-0.36	-0.31	-0.34	240.	
245.	-0.17	-0.14	-0.00	-0.37	-0.37	-0.32	-0.05	245.	
250.	-0.21	-0.17	-0.00	-0.00	-0.00	-0.32	-0.05	250.	
255.	-0.24	-0.19	-0.10	-0.09	-0.39	-0.33	-0.05	255.	
260.	-0.27	-0.21	-0.11	-0.10	-0.11	-0.33	-0.05	260.	
265.	-0.30	-0.23	-0.13	-0.10	-0.12	-0.33	-0.05	265.	
270.	-0.33	-0.26	-0.15	-0.11	-0.13	-0.33	-0.15	270.	
275.	-0.36	-0.28	-0.17	-0.12	-0.13	-0.33	-0.05	275.	
280.	-0.38	-0.29	-0.17	-0.13	-0.14	-0.35	-0.05	280.	
285.	-0.39	-0.31	-0.20	-0.14	-0.15	-0.35	-0.05	285.	
290.	-0.40	-0.32	-0.21	-0.15	-0.15	-0.34	-0.05	290.	
295.	-0.40	-0.32	-0.21	-0.15	-0.15	-0.34	-0.04	295.	
300.	-0.40	-0.32	-0.21	-0.15	-0.15	-0.34	-0.04	300.	
305.	-0.39	-0.31	-0.21	-0.14	-0.15	-0.34	-0.04	305.	
310.	-0.39	-0.30	-0.19	-0.14	-0.14	-0.34	-0.04	310.	
315.	-0.38	-0.27	-0.10	-0.13	-0.13	-0.34	-0.04	315.	
320.	-0.35	-0.24	-0.16	-0.11	-0.12	-0.33	-0.04	320.	
325.	-0.31	-0.21	-0.13	-0.10	-0.11	-0.33	-0.05	325.	
330.	-0.24	-0.17	-0.17	-0.00	-0.10	-0.32	-0.05	330.	
335.	-0.26	-0.15	-0.10	-0.30	-0.30	-0.31	-0.05	335.	
340.	-0.20	-0.14	-0.07	-0.34	-0.37	-0.30	-0.05	340.	
345.	-0.04	-0.13	-0.03	-0.32	-0.05	2.31	-0.03	345.	
350.	-0.04	-0.09	-0.02	-0.01	-0.03	2.32	-0.02	350.	
355.	-0.02	-0.03	0.01	-0.01	0.31	2.32	-0.01	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-400 CTR NO. 494 TCM= 21. R. 30.3

DIFFERENTIAL PRESSURES

SPAN STATION 119.7								
CHORD STATION								
AZ	0.457	1.340	1.952	2.490	4.550	7.152	10.498	AZ
SEC.								SEC.
0.	0.17	0.11	0.11	0.11	0.24	0.24	1.02	0.
5.	0.29	0.15	0.13	0.13	0.10	0.04	0.03	5.
10.	0.39	0.26	0.17	0.14	0.11	0.04	0.02	10.
15.	0.27	0.23	0.11	0.14	0.29	0.23	0.01	15.
20.	0.05	0.12	0.00	0.04	0.25	0.22	0.25	20.
25.	-0.17	0.00	-0.06	0.05	0.23	0.02	0.01	25.
30.	-0.18	-0.10	-0.08	-0.21	0.22	0.22	0.01	30.
35.	-0.13	-0.11	-0.08	-0.02	0.22	-0.22	-0.01	35.
40.	-0.05	-0.20	-0.04	-0.02	0.22	-0.02	-0.01	40.
45.	-0.22	-0.24	-0.04	-0.21	0.22	-0.23	-0.01	45.
50.	0.00	-0.23	-0.02	-0.00	0.03	-0.23	-0.22	50.
55.	0.00	-0.03	-0.01	-0.21	0.03	-0.23	-0.03	55.
60.	0.04	-0.04	-0.21	-0.22	0.23	-0.24	-0.04	60.
65.	0.02	-0.05	-0.03	-0.03	0.22	-0.24	-0.04	65.
70.	0.21	-0.04	-0.03	-0.05	0.21	-0.24	-0.04	70.
75.	0.23	-0.00	-0.27	-0.27	-0.20	-0.25	-0.04	75.
80.	0.22	-0.10	-0.09	-0.09	-0.21	-0.26	-0.05	80.
85.	0.11	-0.11	-0.10	-0.10	-0.22	-0.27	-0.05	85.
90.	0.	-0.11	-0.13	-0.11	-0.22	-0.26	-0.05	90.
95.	0.09	-0.00	-0.29	-0.10	-0.21	-0.24	-0.05	95.
100.	0.14	-0.25	-0.07	-0.09	-0.20	-0.26	-0.05	100.
105.	0.20	-0.22	-0.04	-0.07	0.21	-0.26	-0.05	105.
110.	0.26	0.21	-0.01	-0.04	0.22	-0.27	-0.05	110.
115.	0.31	0.20	0.02	-0.22	0.03	-0.25	-0.04	115.
120.	0.34	0.11	0.05	-0.20	0.04	-0.24	-0.03	120.
125.	0.34	0.11	0.04	-0.21	0.25	-0.23	-0.02	125.
130.	0.32	0.10	0.04	-0.22	0.05	-0.22	-0.02	130.
135.	0.29	0.00	0.03	-0.24	0.04	-0.22	-0.02	135.
140.	0.27	0.00	0.23	0.20	0.20	-0.21	-0.22	140.
145.	0.26	0.09	0.03	0.02	0.20	-0.21	-0.02	145.
150.	0.26	0.11	0.04	0.23	0.27	-0.21	-0.01	150.
155.	0.26	0.14	0.00	0.24	0.20	-0.21	0.00	155.
160.	0.26	0.16	0.10	0.05	0.09	0.21	0.01	160.
165.	0.27	0.19	0.12	0.04	0.10	0.23	0.01	165.
170.	0.20	0.12	0.13	0.00	0.11	0.04	0.01	170.
175.	0.25	0.25	0.14	0.24	0.11	0.25	0.03	175.
180.	0.26	0.26	0.15	0.11	0.11	0.05	0.03	180.
185.	0.29	0.27	0.16	0.12	0.10	0.26	0.03	185.
190.	0.20	0.26	0.16	0.12	0.20	0.26	0.03	190.
195.	0.25	0.25	0.15	0.12	0.24	0.24	0.03	195.
200.	0.21	0.22	0.14	0.11	0.25	0.05	0.03	200.
205.	0.16	0.20	0.12	0.10	0.04	0.05	0.03	205.
210.	0.10	0.17	0.11	0.00	0.22	0.24	0.03	210.
215.	0.04	0.13	0.09	0.07	0.21	0.24	0.03	215.
220.	-0.20	0.10	0.07	0.00	-0.22	0.23	0.03	220.
225.	-0.04	0.24	0.04	0.24	-0.21	0.23	0.03	225.
230.	-0.27	0.03	0.04	0.23	-0.22	0.23	0.03	230.
235.	-0.11	-0.01	0.02	0.21	-0.23	0.23	0.03	235.
240.	-0.10	-0.04	-0.00	-0.20	-0.24	0.02	0.03	240.
245.	-0.23	-0.00	-0.03	-0.22	-0.24	0.22	0.02	245.
250.	-0.32	-0.12	-0.05	-0.25	-0.24	0.21	0.01	250.
255.	-0.01	-0.10	-0.00	-0.20	-0.10	0.20	0.01	255.
260.	-0.27	-0.07	-0.21	-0.27	-0.11	-0.20	0.01	260.
265.	-0.00	-0.23	-0.10	-0.20	-0.12	-0.21	0.01	265.
270.	-0.17	-0.25	-0.10	-0.10	-0.13	-0.22	0.01	270.
275.	-0.17	-0.25	-0.10	-0.11	-0.14	-0.22	0.01	275.
280.	-0.44	-0.20	-0.10	-0.11	-0.14	-0.22	0.01	280.
285.	-0.51	-0.20	-0.10	-0.11	-0.14	-0.22	0.01	285.
290.	-0.52	-0.20	-0.17	-0.11	-0.14	-0.22	0.00	290.
295.	-0.40	-0.27	-0.10	-0.10	-0.14	-0.22	0.00	295.
300.	-0.43	-0.29	-0.10	-0.11	-0.14	-0.22	0.00	300.
305.	-0.42	-0.27	-0.10	-0.11	-0.13	-0.21	0.00	305.
310.	-0.41	-0.27	-0.10	-0.10	-0.12	-0.21	0.00	310.
315.	-0.40	-0.27	-0.10	-0.10	-0.10	-0.21	0.01	315.
320.	-0.32	-0.22	-0.11	-0.25	-0.10	0.01	0.01	320.
325.	-0.22	-0.15	-0.00	-0.02	-0.20	0.02	0.01	325.
330.	-0.11	-0.07	-0.01	0.01	-0.25	0.03	0.01	330.
335.	-0.05	-0.06	0.04	0.03	-0.21	0.23	0.01	335.
340.	0.01	0.26	0.00	0.05	0.22	0.23	0.02	340.
345.	0.05	0.13	0.12	0.04	0.24	0.24	0.02	345.
350.	0.09	0.17	0.14	0.10	0.04	0.04	0.01	350.
355.	0.13	0.17	0.14	0.11	0.04	0.04	0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-498 CNR NO. 496 TCM-21. C.R.- 14.3

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ		CHORD STATION						AZ	
SEC.	2.425	1.846	1.750	2.997	4.550	7.122	10.490	SEC.	
0.	0.10	0.40	0.17	0.07	0.09	0.01	0.04	0.	
5.	0.23	0.32	0.08	0.37	0.36	0.05	0.22	5.	
10.	0.10	0.29	0.05	0.05	0.34	0.03	0.02	10.	
15.	0.05	0.25	0.03	0.03	0.32	0.02	0.01	15.	
20.	-0.15	0.16	-0.02	-0.06	-0.22	-0.01	-0.01	20.	
25.	-0.25	0.07	-0.08	-0.09	-0.22	-0.01	-0.01	25.	
30.	-0.20	0.00	-0.10	-0.11	-0.22	-0.01	-0.02	30.	
35.	-0.20	-0.03	-0.12	-0.09	-0.23	-0.01	-0.02	35.	
40.	-0.23	0.01	-0.13	-0.08	-0.22	-0.01	-0.02	40.	
45.	-0.21	0.06	-0.13	-0.07	-0.22	-0.01	-0.02	45.	
50.	-0.22	0.11	-0.12	-0.05	-0.20	-0.01	-0.04	50.	
55.	-0.23	0.06	-0.11	-0.06	-0.21	-0.01	-0.04	55.	
60.	-0.20	-0.02	-0.11	-0.02	0.32	-0.01	-0.04	60.	
65.	-0.29	-0.10	-0.12	-0.02	0.33	-0.01	-0.04	65.	
70.	-0.32	-0.19	-0.12	-0.03	0.71	-0.01	-0.04	70.	
75.	-0.34	-0.27	-0.14	-0.05	-0.22	-0.01	-0.05	75.	
80.	-0.30	-0.32	-0.17	-0.07	-0.25	-0.01	-0.05	80.	
85.	-0.30	-0.32	-0.20	-0.07	-0.25	-0.01	-0.05	85.	
90.	-0.29	-0.20	-0.21	-0.06	-0.26	-0.01	-0.06	90.	
95.	-0.27	-0.22	-0.19	-0.06	-0.26	-0.01	-0.06	95.	
100.	-0.10	-0.15	-0.14	0.03	-0.05	-0.01	-0.07	100.	
105.	-0.00	-0.00	-0.00	0.04	-0.03	-0.01	-0.06	105.	
110.	0.00	-0.02	-0.02	0.00	-0.21	-0.01	-0.05	110.	
115.	0.15	0.03	0.03	0.10	0.00	-0.01	-0.04	115.	
120.	0.20	0.06	0.06	0.11	0.01	-0.01	-0.03	120.	
125.	0.22	0.06	0.06	0.12	0.01	-0.01	-0.03	125.	
130.	0.20	0.05	0.05	0.12	0.01	-0.01	-0.03	130.	
135.	0.16	0.03	0.03	0.12	0.02	-0.01	-0.04	135.	
140.	0.10	0.00	0.02	0.11	0.02	-0.01	-0.03	140.	
145.	0.05	-0.02	0.01	0.10	0.03	-0.01	-0.03	145.	
150.	0.01	-0.05	0.01	0.09	0.04	-0.01	-0.02	150.	
155.	-0.01	-0.00	0.01	0.07	0.05	-0.01	-0.02	155.	
160.	-0.01	-0.07	0.01	0.00	0.07	-0.02	-0.01	160.	
165.	0.01	0.02	0.01	0.09	0.09	-0.01	-0.00	165.	
170.	0.00	0.10	0.01	0.10	0.11	-0.02	0.00	170.	
175.	0.12	0.33	0.04	0.11	0.11	0.01	0.01	175.	
180.	0.10	0.40	0.09	0.12	0.12	0.01	0.02	180.	
185.	0.22	0.53	0.13	0.13	0.12	0.01	0.02	185.	
190.	0.25	0.50	0.15	0.13	0.12	0.01	0.02	190.	
195.	0.20	0.43	0.15	0.14	0.12	0.01	0.02	195.	
200.	0.20	0.33	0.16	0.14	0.11	0.01	0.02	200.	
205.	0.27	0.26	0.16	0.13	0.10	0.01	0.03	205.	
210.	0.27	0.21	0.16	0.12	0.08	0.01	0.03	210.	
215.	0.25	0.16	0.16	0.10	0.06	0.01	0.03	215.	
220.	0.20	0.10	0.15	0.09	0.04	0.01	0.03	220.	
225.	0.15	0.05	0.13	0.06	0.01	0.01	0.03	225.	
230.	0.10	-0.00	0.11	0.04	-0.01	0.01	0.03	230.	
235.	0.05	-0.05	0.09	0.01	-0.03	0.01	0.03	235.	
240.	0.02	-0.10	0.06	-0.01	-0.04	0.01	0.03	240.	
245.	-0.01	-0.13	0.02	-0.03	-0.05	0.01	0.03	245.	
250.	-0.02	-0.14	-0.01	-0.04	-0.05	0.01	0.03	250.	
255.	0.01	-0.13	-0.00	-0.04	-0.05	0.01	0.03	255.	
260.	0.05	-0.13	-0.02	-0.04	-0.05	0.01	0.03	260.	
265.	0.03	-0.17	0.07	-0.00	-0.07	0.01	0.02	265.	
270.	-0.05	-0.24	0.03	-0.11	-0.09	0.01	0.02	270.	
275.	-0.19	-0.31	-0.08	-0.13	-0.12	0.02	0.01	275.	
280.	-0.26	-0.35	-0.07	-0.16	-0.13	0.02	0.01	280.	
285.	-0.23	-0.36	-0.06	-0.17	-0.13	0.02	0.01	285.	
290.	-0.31	-0.30	-0.11	-0.18	-0.14	0.02	0.01	290.	
295.	-0.37	-0.30	-0.12	-0.17	-0.14	0.02	0.01	295.	
300.	-0.30	-0.31	-0.13	-0.17	-0.12	0.03	0.01	300.	
305.	-0.22	-0.20	-0.09	-0.17	-0.10	0.03	0.02	305.	
310.	-0.31	-0.20	-0.11	-0.19	-0.10	0.03	0.02	310.	
315.	-0.25	-0.20	-0.10	-0.19	-0.09	0.03	0.02	315.	
320.	-0.20	-0.19	-0.07	-0.10	-0.07	0.03	0.01	320.	
325.	0.03	-0.00	-0.03	-0.10	-0.04	0.03	0.03	325.	
330.	0.02	-0.04	-0.03	-0.07	-0.01	0.03	0.02	330.	
335.	0.09	-0.03	0.01	-0.06	0.01	0.04	0.03	335.	
340.	0.20	0.04	0.03	-0.04	0.03	0.04	0.03	340.	
345.	0.40	0.24	0.14	0.04	0.07	0.04	0.04	345.	
350.	0.07	0.20	0.24	0.11	0.10	0.13	0.04	350.	
355.	0.05	0.41	0.26	0.13	0.11	0.09	0.04	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-498 CNTR NO. 494 TCN= 21. C.R.= 36.0

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
REG.	0.425	1.844	1.922	2.999	4.250	7.129	10.400	REG.
3.	0.28	0.07	0.16	0.14	0.10	0.05	0.02	3.
5.	0.00	0.00	0.04	0.10	0.04	0.01	0.01	5.
10.	-0.12	0.04	-0.07	0.06	-0.03	-0.02	-0.00	10.
15.	-0.15	-0.09	-0.07	0.03	-0.03	-0.05	-0.01	15.
20.	-0.33	-0.21	-0.13	-0.04	-0.07	-0.07	-0.02	20.
25.	-0.60	-0.29	-0.27	-0.13	-0.13	-0.09	-0.03	25.
30.	-0.60	-0.29	-0.32	-0.17	-0.16	-0.30	-0.03	30.
35.	-0.67	-0.26	-0.33	-0.17	-0.14	-0.13	-0.03	35.
40.	-0.46	-0.24	-0.35	-0.16	-0.15	-0.11	-0.02	40.
45.	-0.52	-0.23	-0.37	-0.19	-0.15	-0.11	-0.02	45.
50.	-0.59	-0.23	-0.38	-0.14	-0.16	-0.11	-0.02	50.
55.	-0.61	-0.23	-0.39	-0.13	-0.14	-0.30	-0.02	55.
60.	-0.62	-0.23	-0.39	-0.13	-0.14	-0.30	-0.02	60.
65.	-0.61	-0.22	-0.40	-0.14	-0.13	-0.09	-0.02	65.
70.	-0.56	-0.20	-0.39	-0.16	-0.15	-0.13	-0.02	70.
75.	-0.46	-0.19	-0.39	-0.22	-0.17	-0.11	-0.03	75.
80.	-0.39	-0.17	-0.37	-0.25	-0.21	-0.11	-0.03	80.
85.	-0.33	-0.16	-0.37	-0.25	-0.23	-0.13	-0.03	85.
90.	-0.31	-0.19	-0.35	-0.24	-0.22	-0.12	-0.03	90.
95.	-0.25	-0.16	-0.31	-0.21	-0.19	-0.09	-0.02	95.
100.	-0.14	-0.09	-0.26	-0.18	-0.16	-0.07	-0.03	100.
105.	-0.02	-0.04	-0.20	-0.14	-0.12	-0.05	0.01	105.
110.	0.35	-0.25	-0.13	-0.11	-0.09	-0.04	0.02	110.
115.	0.00	-0.05	-0.12	-0.08	-0.04	-0.03	0.01	115.
120.	0.00	-0.06	-0.10	-0.06	-0.05	-0.02	-0.00	120.
125.	0.00	-0.06	-0.09	-0.06	-0.05	-0.01	-0.01	125.
130.	0.00	-0.06	-0.09	-0.06	-0.05	-0.01	-0.01	130.
135.	0.00	-0.06	-0.09	-0.06	-0.05	-0.01	-0.01	135.
140.	0.00	-0.06	-0.10	-0.09	-0.07	-0.02	-0.01	140.
145.	-0.02	-0.06	-0.12	-0.10	-0.07	-0.03	-0.01	145.
150.	-0.02	-0.06	-0.12	-0.11	-0.07	-0.03	-0.01	150.
155.	-0.02	-0.06	-0.12	-0.11	-0.07	-0.03	-0.01	155.
160.	-0.02	-0.06	-0.12	-0.11	-0.07	-0.03	-0.01	160.
165.	-0.02	-0.06	-0.11	-0.10	-0.06	-0.03	-0.01	165.
170.	-0.02	-0.06	-0.07	-0.06	-0.07	0.00	-0.01	170.
175.	0.01	0.00	-0.02	-0.06	-0.04	0.00	-0.00	175.
180.	0.00	0.00	0.00	-0.02	0.01	0.00	0.00	180.
185.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	185.
190.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	190.
195.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	195.
200.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.
205.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.
210.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	210.
215.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215.
220.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220.
225.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	225.
230.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	230.
235.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	235.
240.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	240.
245.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	245.
250.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.
255.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	255.
260.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	260.
265.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265.
270.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270.
275.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	275.
280.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	280.
285.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	285.
290.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	290.
295.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	295.
300.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	300.
305.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	305.
310.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	310.
315.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	315.
320.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	320.
325.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	325.
330.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	330.
335.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	335.
340.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	340.
345.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	345.
350.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	350.
355.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=490 CNTR NO. 494 TCN= 21. C.R.= 36.0

DIFFERENTIAL PRESSURE

SPAN STATION 109.0

AC	CORD STATION							AZ
DEC.	2.495	1.945	1.495	2.990	4.924	7.150	10.420	DEC.
0.	3.36	0.24	0.27	0.19	0.03	3.70	3.02	2.
5.	-3.01	0.00	0.04	0.09	0.03	0.35	0.01	5.
10.	-3.37	-0.19	-0.08	-0.35	-0.92	7.01	0.00	10.
15.	-3.56	-0.39	-0.16	-0.11	-0.00	-0.33	-0.01	15.
20.	-3.68	-0.52	-0.27	-0.16	-0.10	-0.06	-0.04	20.
25.	-3.75	-0.58	-0.37	-0.20	-0.30	-0.00	-0.34	25.
30.	-3.77	-0.57	-0.30	-0.24	-0.07	-0.13	-0.23	30.
35.	-0.67	-0.53	-0.34	-0.20	-0.05	-0.11	-0.23	35.
40.	-3.70	-0.54	-0.33	-0.20	-0.23	-0.11	-0.04	40.
45.	-3.01	-0.50	-0.33	-0.24	-0.21	-0.11	-0.04	45.
50.	-3.09	-0.50	-0.34	-0.23	0.01	-0.11	-0.04	50.
55.	-0.04	-0.50	-0.34	-0.23	0.02	-0.17	-0.34	55.
60.	-3.03	-0.50	-0.34	-0.23	0.04	-0.13	-0.24	60.
65.	-3.70	-0.53	-0.32	-0.23	0.04	-0.11	-0.04	65.
70.	-1.47	-0.50	-0.30	-0.24	0.04	-0.12	-0.04	70.
75.	-0.33	-0.47	-0.31	-0.25	-0.30	-0.14	-0.04	75.
80.	-3.51	-0.42	-0.33	-0.20	-0.01	-0.16	-0.04	80.
85.	-0.34	-0.30	-0.34	-0.29	0.01	-0.17	-0.24	85.
90.	-0.50	-0.31	-0.29	-0.27	0.29	-0.17	-0.24	90.
95.	-0.20	-0.24	-0.21	-0.20	0.22	-0.15	-0.03	95.
100.	-0.10	-0.15	-0.12	-0.13	0.20	-0.13	-0.02	100.
105.	-3.17	-0.07	-0.04	-0.00	0.27	-0.11	-0.02	105.
110.	-3.11	0.00	0.00	-0.27	0.21	-0.00	-0.01	110.
115.	0.31	0.00	0.15	-0.05	0.34	-0.00	-0.01	115.
120.	0.15	0.15	0.13	-0.04	0.35	-0.07	-0.01	120.
125.	0.19	0.19	0.14	-0.04	0.32	-0.20	-0.03	125.
130.	0.17	0.13	0.12	-0.04	0.20	-0.30	-0.03	130.
135.	0.00	0.04	0.05	-0.00	0.23	-0.27	-0.04	135.
140.	-3.02	-0.20	-0.03	-0.10	0.17	-0.07	-0.23	140.
145.	-3.20	-0.15	-0.10	-0.14	0.11	-0.07	-0.03	145.
150.	-0.35	-0.23	-0.10	-0.10	0.30	-0.27	-0.03	150.
155.	-3.44	-0.30	-0.20	-0.21	0.03	-0.27	-0.02	155.
160.	-3.51	-0.34	-0.22	-0.23	0.01	-0.20	-0.02	160.
165.	-0.41	-0.30	-0.23	-0.23	0.00	-0.20	-0.01	165.
170.	-0.40	-0.34	-0.21	-0.21	0.00	-0.20	-0.01	170.
175.	-0.37	-0.33	-0.18	-0.18	0.01	-0.20	-0.01	175.
180.	-3.20	-0.14	-0.14	-0.13	0.02	-0.21	0.00	180.
185.	-3.13	-0.03	-0.00	-0.07	0.02	0.01	0.01	185.
190.	0.31	0.07	0.01	-0.00	0.02	0.04	0.01	190.
195.	0.14	0.17	0.11	0.05	0.02	0.05	0.02	195.
200.	0.23	0.24	0.20	0.10	-0.00	0.30	0.02	200.
205.	0.31	0.20	0.24	0.13	-0.03	0.37	0.02	205.
210.	0.36	0.31	0.25	0.14	-0.04	0.37	0.02	210.
215.	0.40	0.33	0.25	0.15	-0.07	0.30	0.02	215.
220.	0.45	0.34	0.25	0.17	-0.00	0.00	0.02	220.
225.	0.47	0.30	0.25	0.10	-0.00	0.00	0.02	225.
230.	0.51	0.42	0.20	0.22	-0.00	0.11	0.03	230.
235.	0.57	0.50	0.20	0.20	-0.00	0.12	0.03	235.
240.	0.70	0.50	0.33	0.27	-0.07	0.13	0.03	240.
245.	0.80	0.67	0.41	0.30	-0.00	0.13	0.04	245.
250.	0.90	0.74	0.44	0.33	-0.04	0.14	0.04	250.
255.	1.03	0.76	0.44	0.35	-0.02	0.14	0.04	255.
260.	0.98	0.65	0.30	0.37	-0.00	0.10	0.04	260.
265.	0.72	0.50	0.20	0.35	-0.02	0.13	0.05	265.
270.	0.60	0.41	0.23	0.30	-0.02	0.12	0.05	270.
275.	0.54	0.34	0.21	0.23	-0.11	0.11	0.04	275.
280.	0.44	0.27	0.19	0.10	-0.15	0.12	0.03	280.
285.	0.41	0.23	0.15	0.10	-0.15	0.00	0.03	285.
290.	0.32	0.20	0.12	0.15	-0.17	0.00	0.03	290.
295.	0.28	0.21	0.00	0.15	-0.15	0.12	0.03	295.
300.	0.31	0.19	0.14	0.19	-0.14	0.13	0.03	300.
305.	0.25	0.05	0.11	0.10	-0.15	0.00	0.03	305.
310.	-0.13	-0.14	-0.04	0.01	-0.25	0.03	0.02	310.
315.	0.11	0.02	-0.01	0.04	-0.19	0.00	0.02	315.
320.	0.10	-0.23	-0.04	0.00	-0.10	0.04	0.01	320.
325.	-0.37	-0.00	-0.04	0.01	-0.21	0.11	0.01	325.
330.	0.14	0.15	0.40	0.07	-0.13	0.00	0.02	330.
335.	0.00	0.31	0.19	0.16	-0.00	0.07	0.02	335.
340.	0.00	0.25	0.15	0.17	-0.05	0.07	0.02	340.
345.	0.00	0.19	0.13	0.16	-0.00	0.07	0.02	345.
350.	0.00	0.20	0.14	0.15	-0.02	0.07	0.03	350.
355.	0.43	0.25	0.18	0.17	0.01	0.00	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=400 CWR NO. 496 TCN= 21. C.R.= 36.0

DIFFERENTIAL PRESSURES

SPAN STATION 149.5

AZ	CHORD STATION								AZ
DEG.	1.455	1.945	1.952	2.900	4.550	7.152	10.400	DEG.	
3.	3.35	2.23	0.14	0.09	0.34	3.25	0.01	0.	
5.	3.05	2.04	3.65	-0.05	-0.02	3.22	-0.30	5.	
10.	-0.32	-0.14	-0.15	-0.14	-0.06	-0.42	-0.01	10.	
15.	-0.50	-0.28	-0.21	-0.18	-0.11	-0.06	-0.02	15.	
20.	-0.46	-0.43	-0.20	-0.23	-0.12	-0.29	-0.04	20.	
25.	-0.77	-0.57	-0.35	-0.29	-0.17	-0.17	-0.05	25.	
30.	-0.95	-0.62	-0.38	-0.31	-0.15	-0.19	-0.06	30.	
35.	-0.96	-0.57	-0.45	-0.32	-0.16	-0.11	-0.05	35.	
40.	-0.91	-0.50	-0.41	-0.31	-0.15	-0.11	-0.05	40.	
45.	-0.86	-0.51	-0.41	-0.29	-0.13	-0.12	-0.05	45.	
50.	-0.92	-0.52	-0.45	-0.28	-0.11	-0.11	-0.05	50.	
55.	-0.90	-0.54	-0.38	-0.24	-0.20	-0.11	-0.05	55.	
60.	-0.93	-0.45	-0.34	-0.25	-0.30	-0.11	-0.05	60.	
65.	-0.68	-0.35	-0.34	-0.24	-0.10	-0.11	-0.05	65.	
70.	-0.36	-0.24	-0.31	-0.23	0.13	-0.12	-0.06	70.	
75.	-0.26	-0.36	-0.29	-0.23	-0.15	-0.15	-0.06	75.	
80.	-0.25	-0.42	-0.27	-0.23	-0.15	-0.19	-0.07	80.	
85.	-0.25	-0.42	-0.24	-0.22	-0.11	-0.17	-0.06	85.	
90.	-0.26	-0.43	-0.19	-0.17	-0.06	-0.15	-0.06	90.	
95.	-0.24	-0.21	-0.11	-0.09	-0.04	-0.12	-0.05	95.	
100.	-0.36	-0.30	-0.01	-0.31	0.30	-0.19	-0.04	100.	
105.	0.14	0.14	0.00	0.06	0.34	-0.13	-0.03	105.	
110.	0.26	0.51	0.18	0.42	0.30	-0.20	-0.02	110.	
115.	0.20	0.44	0.21	0.14	0.15	-0.24	-0.02	115.	
120.	0.23	0.38	0.17	0.10	0.11	-0.20	-0.03	120.	
125.	0.13	0.29	0.10	0.04	0.20	-0.17	-0.04	125.	
130.	-0.01	0.17	0.05	-0.03	0.26	-0.15	-0.04	130.	
135.	-0.10	0.02	-0.10	-0.10	0.22	-0.13	-0.04	135.	
140.	-0.22	-0.15	-0.10	-0.10	-0.01	-0.11	-0.03	140.	
145.	-0.32	-0.31	-0.27	-0.22	-0.33	-0.12	-0.03	145.	
150.	-0.44	-0.43	-0.33	-0.26	-0.30	-0.12	-0.02	150.	
155.	-0.77	-0.50	-0.37	-0.20	-0.11	-0.12	-0.02	155.	
160.	-0.83	-0.34	-0.39	-0.29	-0.12	-0.10	-0.01	160.	
165.	-0.83	-0.34	-0.38	-0.28	-0.12	-0.09	-0.01	165.	
170.	-0.77	-0.31	-0.36	-0.23	-0.12	-0.07	0.00	170.	
175.	-0.64	-0.43	-0.32	-0.21	-0.36	-0.34	0.01	175.	
180.	-0.32	-0.34	-0.23	-0.15	-0.42	-0.32	0.02	180.	
185.	-0.35	-0.26	-0.17	-0.09	0.32	0.21	0.02	185.	
190.	-0.18	-0.15	-0.10	-0.03	0.03	0.03	0.03	190.	
195.	-0.04	-0.05	-0.03	0.02	0.26	0.05	0.00	195.	
200.	0.03	0.02	0.00	0.07	0.37	0.26	0.00	200.	
205.	0.04	0.04	0.04	0.11	0.37	0.27	0.04	205.	
210.	0.12	0.06	0.00	0.12	0.37	0.26	0.01	210.	
215.	0.19	0.08	0.11	0.12	0.37	0.26	0.04	215.	
220.	0.26	0.14	0.14	0.13	0.37	0.26	0.04	220.	
225.	0.34	0.21	0.17	0.13	0.36	0.19	0.04	225.	
230.	0.44	0.26	0.20	0.15	0.37	0.15	0.04	230.	
235.	0.55	0.35	0.23	0.10	0.07	0.12	0.05	235.	
240.	0.64	0.35	0.27	0.21	0.20	0.13	0.05	240.	
245.	0.76	0.41	0.32	0.26	0.11	0.15	0.06	245.	
250.	0.86	0.51	0.39	0.32	0.15	0.16	0.06	250.	
255.	1.09	0.62	0.49	0.39	0.17	0.17	0.06	255.	
260.	1.22	0.70	0.57	0.45	0.19	0.19	0.06	260.	
265.	1.35	0.87	0.64	0.44	0.18	0.18	0.06	265.	
270.	1.21	0.80	0.62	0.44	0.17	0.18	0.06	270.	
275.	0.97	0.62	0.55	0.39	0.14	0.18	0.06	275.	
280.	0.81	0.51	0.44	0.31	0.11	0.18	0.06	280.	
285.	0.71	0.47	0.39	0.26	0.08	0.17	0.06	285.	
290.	0.65	0.44	0.38	0.23	0.20	0.17	0.05	290.	
295.	0.59	0.41	0.34	0.23	0.18	0.18	0.04	295.	
300.	0.42	0.34	0.33	0.20	0.20	0.15	0.03	300.	
305.	0.44	0.26	0.22	0.17	0.34	0.05	0.02	305.	
310.	-0.12	-0.03	-0.06	-0.01	-0.07	0.23	0.01	310.	
315.	-0.29	0.12	0.00	0.00	-0.13	0.26	0.01	315.	
320.	-0.03	-0.01	-0.01	-0.03	-0.20	0.24	0.03	320.	
325.	0.00	-0.06	-0.04	0.04	-0.37	0.25	0.01	325.	
330.	0.42	0.31	0.10	0.17	0.32	0.26	0.02	330.	
335.	0.47	0.32	0.10	0.15	0.32	0.06	0.01	335.	
340.	0.27	0.10	0.10	0.06	-0.21	0.25	0.01	340.	
345.	0.22	0.17	0.11	0.03	-0.21	0.25	0.01	345.	
350.	0.34	0.20	0.10	0.07	0.25	0.25	0.01	350.	
355.	0.44	0.32	0.10	0.12	0.05	0.26	0.01	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-901 CTR NO. 346 TCN= 23. C.R.= 42.C

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ		CHORD STATION			AZ	
DEC.	0.425	1.950	4.590	10.450	DEC.	
0.	-0.37	-0.16	-0.07	0.00	5.	
5.	-0.39	-0.24	-0.11	-0.01	10.	
10.	-0.44	-0.30	-0.06	-0.02	15.	
15.	-0.42	-0.21	-0.09	-0.01	20.	
20.	-0.30	-0.13	-0.07	-0.01	25.	
25.	-0.28	-0.16	-0.06	-0.02	30.	
30.	-0.29	-0.14	-0.07	-0.03	35.	
35.	-0.16	-0.13	-0.06	-0.03	40.	
40.	-0.01	-0.11	-0.05	-0.03	45.	
45.	-0.07	-0.09	-0.05	-0.04	50.	
50.	-0.06	-0.18	-0.03	-0.04	55.	
55.	-0.02	-0.17	-0.03	-0.04	60.	
60.	0.03	-0.07	-0.03	-0.03	65.	
65.	0.09	-0.04	-0.03	-0.03	70.	
70.	0.12	-0.04	-0.03	-0.03	75.	
75.	0.14	-0.04	-0.01	-0.03	80.	
80.	0.17	-0.03	-0.02	-0.03	85.	
85.	0.21	0.00	0.01	-0.02	90.	
90.	0.25	0.05	0.01	-0.03	95.	
95.	0.29	0.10	0.03	-0.03	100.	
100.	0.35	0.15	0.05	-0.02	105.	
105.	0.41	0.17	0.06	-0.02	110.	
110.	0.48	0.19	0.11	-0.01	115.	
115.	0.55	0.20	0.13	0.00	120.	
120.	0.57	0.21	0.15	0.01	125.	
125.	0.60	0.23	0.16	0.01	130.	
130.	0.63	0.24	0.16	0.01	135.	
135.	0.65	0.26	0.16	0.03	140.	
140.	0.67	0.29	0.18	0.04	145.	
145.	0.69	0.30	0.18	0.05	150.	
150.	0.70	0.32	0.18	0.05	155.	
155.	0.71	0.34	0.19	0.02	160.	
160.	0.72	0.35	0.19	0.03	165.	
165.	0.72	0.35	0.19	0.03	170.	
170.	0.72	0.35	0.19	0.03	175.	
175.	0.71	0.34	0.18	0.03	180.	
180.	0.67	0.33	0.17	0.03	185.	
185.	0.58	0.30	0.16	0.03	190.	
190.	0.48	0.27	0.15	0.03	195.	
195.	0.36	0.24	0.12	0.03	200.	
200.	0.23	0.19	0.09	0.03	205.	
205.	0.16	0.13	0.04	0.02	210.	
210.	0.03	0.06	-0.00	0.01	215.	
215.	-0.09	0.01	-0.03	0.02	220.	
220.	-0.18	-0.04	-0.04	0.02	225.	
225.	-0.25	-0.08	-0.04	0.01	230.	
230.	-0.28	-0.11	-0.07	0.01	235.	
235.	-0.27	-0.12	-0.04	0.01	240.	
240.	-0.29	-0.11	-0.03	0.01	245.	
245.	-0.34	-0.16	-0.06	0.02	250.	
250.	-0.39	-0.15	-0.03	0.01	255.	
255.	-0.40	-0.15	-0.03	0.00	260.	
260.	-0.40	-0.15	-0.10	0.00	265.	
265.	-0.39	-0.15	-0.10	0.00	270.	
270.	-0.38	-0.15	-0.10	0.00	275.	
275.	-0.39	-0.15	-0.10	-0.00	280.	
280.	-0.39	-0.15	-0.10	-0.01	285.	
285.	-0.39	-0.15	-0.10	-0.01	290.	
290.	-0.40	-0.14	-0.10	-0.01	295.	
295.	-0.40	-0.14	-0.09	-0.02	300.	
300.	-0.41	-0.14	-0.09	-0.02	305.	
310.	-0.41	-0.14	-0.09	-0.02	315.	
315.	-0.41	-0.14	-0.09	-0.02	320.	
320.	-0.41	-0.14	-0.09	-0.02	325.	
325.	-0.40	-0.14	-0.08	-0.02	330.	
330.	-0.42	-0.15	-0.08	-0.02	335.	
335.	-0.43	-0.15	-0.09	-0.02	340.	
340.	-0.39	-0.15	-0.08	-0.02	345.	
345.	-0.36	-0.14	-0.08	0.00	350.	
350.	-0.37	-0.15	-0.04	0.00	355.	
355.	-0.42	-0.18	-0.07	0.01		

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=501 CNTR NO. 346 TCN= 23. C.A.= 42.0

DIFFERENTIAL PRESSURES

SPAN STATION 79.8

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.900	4.550	7.150	12.450	DEG.
5.	-1.06	-0.81	-0.56	-0.34	-0.23	-0.13	-0.09	5.
5.	-0.69	-0.56	-0.40	-0.25	-0.20	-0.09	-0.08	5.
10.	-0.70	-0.51	-0.35	-0.24	-0.16	-0.08	-0.09	10.
15.	-0.66	-0.40	-0.32	-0.23	-0.14	-0.06	-0.08	15.
20.	-0.63	-0.44	-0.31	-0.23	-0.13	-0.08	-0.07	20.
25.	-0.40	-0.41	-0.29	-0.21	-0.12	-0.07	-0.07	25.
30.	-0.33	-0.31	-0.24	-0.19	-0.10	-0.07	-0.06	30.
35.	-0.26	-0.20	-0.20	-0.17	-0.09	-0.07	-0.05	35.
40.	-0.20	-0.14	-0.10	-0.14	-0.07	-0.07	-0.02	40.
45.	-0.10	-0.13	-0.17	-0.15	-0.06	-0.07	0.02	45.
50.	-0.02	-0.12	-0.14	-0.13	-0.06	-0.07	0.04	50.
55.	0.01	-0.10	-0.13	-0.12	-0.05	-0.07	0.04	55.
60.	0.02	-0.08	-0.12	-0.10	-0.02	-0.07	0.04	60.
65.	0.04	-0.06	-0.11	-0.07	-0.01	-0.07	0.04	65.
70.	0.07	-0.02	-0.09	-0.04	0.01	-0.07	0.04	70.
75.	0.12	0.02	-0.07	-0.00	0.04	-0.06	0.04	75.
80.	0.19	0.07	-0.02	0.03	0.07	-0.07	0.02	80.
85.	0.26	0.11	-0.02	0.07	0.11	-0.06	0.09	85.
90.	0.34	0.16	0.04	0.12	0.14	-0.02	0.08	90.
95.	0.45	0.22	0.11	0.15	0.16	-0.02	0.01	95.
100.	0.51	0.30	0.14	0.14	0.18	-0.01	0.05	100.
105.	0.55	0.36	0.18	0.19	0.19	0.01	0.10	105.
110.	0.58	0.40	0.19	0.22	0.19	0.02	0.12	110.
115.	0.61	0.42	0.21	0.26	0.20	0.06	0.13	115.
120.	0.63	0.44	0.23	0.28	0.23	0.07	0.14	120.
125.	0.66	0.47	0.25	0.29	0.25	0.07	0.15	125.
130.	0.70	0.49	0.27	0.30	0.26	0.07	0.15	130.
135.	0.75	0.51	0.29	0.32	0.26	0.09	0.15	135.
140.	0.80	0.54	0.32	0.34	0.27	0.10	0.14	140.
145.	0.83	0.58	0.34	0.34	0.28	0.11	0.17	145.
150.	0.88	0.61	0.41	0.34	0.28	0.12	0.18	150.
155.	0.94	0.65	0.44	0.34	0.28	0.12	0.19	155.
160.	1.04	0.67	0.47	0.35	0.28	0.13	0.19	160.
165.	1.16	0.74	0.52	0.37	0.28	0.13	0.18	165.
170.	1.29	0.81	0.61	0.38	0.28	0.14	0.16	170.
175.	1.34	0.86	0.65	0.40	0.28	0.15	0.14	175.
180.	1.32	0.87	0.66	0.40	0.28	0.16	0.13	180.
185.	1.25	0.86	0.64	0.40	0.27	0.17	0.12	185.
190.	1.14	0.82	0.59	0.38	0.26	0.16	0.09	190.
195.	0.98	0.75	0.54	0.35	0.21	0.15	0.05	195.
200.	0.80	0.65	0.46	0.31	0.15	0.11	0.01	200.
205.	0.62	0.53	0.33	0.24	0.10	0.09	-0.01	205.
210.	0.43	0.40	0.21	0.17	0.05	0.07	-0.03	210.
215.	0.24	0.27	0.17	0.10	0.01	0.06	-0.05	215.
220.	0.07	0.14	0.12	0.04	-0.02	0.04	-0.06	220.
225.	-0.00	0.04	0.04	0.00	-0.04	0.02	-0.07	225.
230.	-0.19	-0.05	-0.04	-0.04	-0.07	0.01	-0.08	230.
235.	-0.28	-0.13	-0.06	-0.06	-0.09	0.00	-0.08	235.
240.	-0.35	-0.19	-0.11	-0.12	-0.12	-0.01	-0.08	240.
245.	-0.43	-0.25	-0.14	-0.14	-0.13	-0.02	-0.09	245.
250.	-0.50	-0.30	-0.17	-0.16	-0.14	-0.03	-0.09	250.
255.	-0.56	-0.34	-0.19	-0.19	-0.16	-0.04	-0.09	255.
260.	-0.60	-0.38	-0.20	-0.19	-0.17	-0.04	-0.09	260.
265.	-0.62	-0.41	-0.21	-0.19	-0.18	-0.04	-0.09	265.
270.	-0.64	-0.42	-0.20	-0.19	-0.19	-0.05	-0.10	270.
275.	-0.64	-0.43	-0.19	-0.19	-0.19	-0.05	-0.10	275.
280.	-0.65	-0.43	-0.19	-0.19	-0.19	-0.05	-0.10	280.
285.	-0.66	-0.41	-0.19	-0.18	-0.17	-0.05	-0.09	285.
290.	-0.68	-0.41	-0.20	-0.17	-0.17	-0.05	-0.09	290.
295.	-0.70	-0.44	-0.22	-0.18	-0.16	-0.05	-0.10	295.
300.	-0.71	-0.46	-0.23	-0.21	-0.16	-0.05	-0.10	300.
305.	-0.69	-0.45	-0.23	-0.22	-0.17	-0.04	-0.09	305.
310.	-0.66	-0.44	-0.23	-0.21	-0.18	-0.04	-0.09	310.
315.	-0.64	-0.42	-0.23	-0.20	-0.19	-0.04	-0.09	315.
320.	-0.63	-0.42	-0.23	-0.20	-0.18	-0.04	-0.09	320.
325.	-0.64	-0.40	-0.24	-0.20	-0.18	-0.04	-0.09	325.
330.	-0.67	-0.41	-0.24	-0.21	-0.17	-0.05	-0.09	330.
335.	-0.70	-0.51	-0.29	-0.22	-0.17	-0.05	-0.09	335.
340.	-0.71	-0.49	-0.29	-0.22	-0.18	-0.06	-0.10	340.
345.	-0.62	-0.51	-0.32	-0.25	-0.19	-0.07	-0.10	345.
350.	-0.56	-0.59	-0.37	-0.28	-0.21	-0.08	-0.11	350.
355.	-1.39	-0.72	-0.46	-0.31	-0.22	-0.08	-0.08	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=901 CMTD NO. 346 TCM= 23. C.R.= 42.3

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION						AZ	
DEG.	0.455	1.240	1.950	2.790	4.250	7.150	10.400	DEG.
0.	-0.62	-0.62	-0.20	-0.19	-0.19	-0.11	-1.05	3.
5.	-0.61	-0.57	-0.36	-0.24	-0.25	-0.13	-1.06	5.
10.	-0.60	-0.65	-0.45	-0.27	-0.25	-0.14	-1.06	10.
15.	-0.73	-0.60	-0.39	-0.24	-0.25	-0.13	-0.87	15.
20.	-0.53	-0.44	-0.35	-0.19	-0.14	-0.11	-0.66	20.
25.	-0.41	-0.34	-0.25	-0.10	-0.09	-0.11	-0.37	25.
30.	-0.26	-0.24	-0.23	-0.15	-0.04	-0.12	-0.07	30.
35.	-0.07	-0.15	-0.21	-0.11	0.22	-0.11	-0.06	35.
40.	0.09	-0.07	-0.15	-0.11	0.30	-0.11	-0.06	40.
45.	0.19	-0.00	-0.08	-0.10	0.30	-0.11	-0.07	45.
50.	0.31	0.05	-0.01	-0.04	0.00	-0.13	-0.07	50.
55.	0.32	0.10	0.05	0.01	0.11	-0.13	-0.07	55.
60.	0.30	0.14	0.17	0.03	0.13	-0.09	-0.07	60.
65.	0.39	0.10	0.10	0.04	0.14	-0.09	-0.06	65.
70.	0.39	0.21	0.00	0.05	0.15	-0.08	-0.06	70.
75.	0.39	0.20	0.07	0.04	0.15	-0.08	-0.06	75.
80.	0.39	0.15	0.04	0.04	0.15	-0.07	-0.06	80.
85.	0.34	0.10	0.04	0.03	0.15	-0.06	-0.05	85.
90.	0.37	0.15	0.04	0.03	0.15	-0.05	-0.06	90.
95.	0.35	0.13	0.04	0.02	0.14	-0.05	-0.05	95.
100.	0.33	0.10	0.03	0.02	0.14	-0.05	-0.05	100.
105.	0.33	0.09	0.03	0.02	0.13	-0.06	-0.05	105.
110.	0.33	0.09	0.03	0.02	0.13	-0.06	-0.05	110.
115.	0.31	0.09	0.04	0.01	0.13	-0.05	-0.05	115.
120.	0.30	0.11	0.07	0.01	0.14	-0.05	-0.04	120.
125.	0.40	0.13	0.08	0.01	0.14	-0.05	-0.03	125.
130.	0.44	0.15	0.08	0.02	0.14	-0.05	-0.01	130.
135.	0.44	0.17	0.08	0.02	0.14	-0.05	0.00	135.
140.	0.40	0.20	0.09	0.03	0.15	-0.05	0.00	140.
145.	0.36	0.23	0.11	0.04	0.15	-0.05	0.01	145.
150.	0.33	0.27	0.13	0.07	0.15	-0.05	0.03	150.
155.	0.30	0.32	0.17	0.10	0.15	-0.06	0.05	155.
160.	0.60	0.30	0.21	0.14	0.10	-0.06	0.04	160.
165.	0.64	0.44	0.20	0.10	0.17	-0.11	0.05	165.
170.	0.67	0.51	0.21	0.13	0.10	-0.13	0.00	170.
175.	0.74	0.55	0.35	0.27	0.19	-0.14	0.07	175.
180.	0.70	0.59	0.40	0.30	0.21	-0.14	0.00	180.
185.	0.80	0.62	0.43	0.33	0.21	-0.15	0.09	185.
190.	0.70	0.62	0.44	0.33	0.21	-0.16	0.09	190.
195.	0.72	0.60	0.43	0.32	0.20	-0.16	0.00	195.
200.	0.64	0.54	0.42	0.31	0.17	-0.15	0.00	200.
205.	0.54	0.51	0.39	0.29	0.14	-0.14	0.00	205.
210.	0.39	0.44	0.31	0.20	0.11	-0.12	0.07	210.
215.	0.22	0.30	0.20	0.20	0.07	-0.11	0.06	215.
220.	0.09	0.27	0.19	0.15	0.04	-0.10	0.04	220.
225.	-0.01	0.19	0.14	0.10	-0.00	-0.09	0.05	225.
230.	-0.12	0.11	0.11	0.07	-0.04	-0.06	0.05	230.
235.	-0.24	0.04	0.09	0.04	-0.07	-0.07	0.06	235.
240.	-0.34	-0.01	0.07	0.02	-0.10	-0.07	0.06	240.
245.	-0.42	-0.07	0.05	-0.02	-0.12	-0.06	0.06	245.
250.	-0.49	-0.11	0.02	-0.02	-0.13	-0.06	0.05	250.
255.	-0.54	-0.13	-0.04	-0.04	-0.14	-0.05	0.05	255.
260.	-0.50	-0.10	-0.11	-0.05	-0.15	-0.05	0.04	260.
265.	-0.62	-0.10	-0.10	-0.07	-0.16	-0.05	0.02	265.
270.	-0.65	-0.20	-0.10	-0.09	-0.17	-0.02	0.01	270.
275.	-0.60	-0.23	-0.19	-0.10	-0.17	0.02	0.02	275.
280.	-0.70	-0.27	-0.19	-0.11	-0.10	0.02	0.02	280.
285.	-0.71	-0.31	-0.19	-0.12	-0.19	0.01	0.01	285.
290.	-0.72	-0.34	-0.19	-0.12	-0.19	0.01	0.01	290.
295.	-0.72	-0.37	-0.20	-0.13	-0.20	0.01	0.01	295.
300.	-0.72	-0.30	-0.20	-0.13	-0.22	-0.02	0.01	300.
305.	-0.71	-0.39	-0.20	-0.13	-0.19	-0.02	0.01	305.
310.	-0.70	-0.39	-0.20	-0.14	-0.19	-0.02	0.01	310.
315.	-0.69	-0.40	-0.20	-0.14	-0.19	-0.01	0.01	315.
320.	-0.64	-0.40	-0.20	-0.14	-0.19	-0.01	0.01	320.
325.	-0.69	-0.40	-0.21	-0.14	-0.10	-0.01	0.01	325.
330.	-0.67	-0.39	-0.21	-0.13	-0.10	-0.01	0.01	330.
335.	-0.63	-0.40	-0.21	-0.13	-0.17	-0.02	0.01	335.
340.	-0.57	-0.39	-0.20	-0.12	-0.16	-0.03	0.00	340.
345.	-0.47	-0.31	-0.17	-0.09	-0.14	-0.02	-0.01	345.
350.	-0.40	-0.23	-0.12	-0.08	-0.13	-0.02	-0.01	350.
355.	-0.34	-0.17	-0.05	-0.10	-0.10	-0.05	-0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=501 CNTR NO. 346 TCN= 23. C.R.= 42.0

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

DEG.	3.455	1.34C	1.953	2.993	4.552	7.153	10.4C0	DEG.
3.	-0.36	-0.25	-0.27	-0.21	-0.11	-0.01	-0.01	3.
5.	-0.40	-0.25	-0.26	-0.20	-0.12	-0.06	-0.01	5.
10.	-0.30	-0.23	-0.26	-0.19	-0.09	-0.06	-0.01	10.
15.	-0.29	-0.27	-0.23	-0.10	-0.00	-0.07	-0.01	15.
20.	-0.29	-0.30	-0.26	-0.19	-0.09	-0.10	-0.02	20.
25.	-0.16	-0.23	-0.21	-0.16	-0.07	-0.07	-0.01	25.
30.	0.05	-0.69	-0.16	-0.11	-0.05	-0.06	-0.01	30.
35.	0.27	0.05	-0.07	-0.06	-0.06	-0.06	-0.03	35.
40.	0.42	0.20	0.03	0.06	0.00	-0.07	-0.02	40.
45.	0.56	0.33	0.12	0.12	0.06	-0.05	-0.01	45.
50.	0.68	0.44	0.19	0.10	0.07	-0.06	-0.02	50.
55.	0.76	0.52	0.23	0.24	0.12	-0.03	-0.02	55.
60.	0.78	0.58	0.25	0.29	0.14	-0.02	-0.01	60.
65.	0.78	0.62	0.26	0.34	0.15	-0.01	-0.01	65.
70.	0.76	0.62	0.25	0.30	0.10	-0.01	-0.02	70.
75.	0.71	0.64	0.24	0.40	0.24	-0.03	-0.02	75.
80.	0.59	0.56	0.22	0.45	0.27	-0.01	-0.02	80.
85.	0.44	0.49	0.10	0.30	0.20	-0.06	-0.03	85.
90.	0.31	0.40	0.14	0.36	0.19	-0.09	-0.03	90.
95.	0.19	0.35	0.09	0.33	0.17	-0.12	-0.03	95.
100.	0.09	0.32	0.04	0.29	0.15	-0.13	-0.03	100.
105.	0.00	0.30	-0.04	0.25	0.12	-0.13	-0.04	105.
110.	-0.06	0.27	-0.12	0.21	0.12	-0.12	-0.04	110.
115.	-0.12	0.26	-0.19	0.19	0.06	-0.11	-0.04	115.
120.	-0.21	0.25	-0.22	0.17	0.06	-0.12	-0.05	120.
125.	-0.31	0.23	-0.26	0.13	0.02	-0.14	-0.04	125.
130.	-0.42	0.16	-0.27	0.07	-0.02	-0.15	-0.05	130.
135.	-0.51	-0.01	-0.36	-0.00	-0.05	-0.16	-0.06	135.
140.	-0.60	-0.18	-0.44	-0.02	-0.09	-0.16	-0.07	140.
145.	-0.66	-0.22	-0.50	-0.06	-0.08	-0.15	-0.06	145.
150.	-0.67	-0.21	-0.50	-0.09	-0.05	-0.13	-0.04	150.
155.	-0.61	-0.20	-0.56	-0.08	-0.04	-0.14	-0.03	155.
160.	-0.50	-0.16	-0.51	-0.05	-0.07	-0.08	-0.03	160.
165.	-0.36	-0.12	-0.23	-0.01	-0.01	-0.06	-0.02	165.
170.	-0.17	-0.07	-0.14	0.02	0.01	-0.03	-0.02	170.
175.	-0.00	-0.03	-0.02	0.06	0.04	0.02	-0.01	175.
180.	0.14	0.01	0.09	0.10	0.10	0.05	-0.02	180.
185.	0.26	0.03	0.16	0.13	0.14	0.06	0.00	185.
190.	0.32	0.05	0.20	0.16	0.14	0.07	0.01	190.
195.	0.35	0.06	0.22	0.17	0.13	0.08	0.01	195.
200.	0.35	0.07	0.23	0.17	0.16	0.09	0.02	200.
205.	0.32	0.07	0.23	0.16	0.16	0.10	0.03	205.
210.	0.28	0.06	0.23	0.11	0.06	0.10	0.03	210.
215.	0.24	0.06	0.21	0.00	0.05	0.09	0.02	215.
220.	0.19	0.01	0.20	0.05	0.01	0.09	0.02	220.
225.	0.13	-0.03	0.10	0.02	-0.01	0.09	0.03	225.
230.	0.00	-0.06	0.15	-0.03	-0.03	0.04	0.03	230.
235.	-0.01	-0.10	0.12	-0.06	-0.04	0.04	0.03	235.
240.	-0.06	-0.13	0.10	-0.12	-0.05	0.00	0.03	240.
245.	-0.09	-0.16	0.13	-0.14	-0.05	0.00	0.03	245.
250.	-0.10	-0.18	0.11	-0.15	-0.06	0.00	0.04	250.
255.	-0.09	-0.17	0.11	-0.16	-0.06	0.00	0.04	255.
260.	-0.07	-0.17	0.12	-0.10	-0.06	0.00	0.04	260.
265.	-0.06	-0.16	0.13	-0.10	-0.07	0.01	0.04	265.
270.	-0.05	-0.15	0.13	-0.17	-0.07	0.00	0.04	270.
275.	-0.06	-0.15	0.13	-0.15	-0.08	0.00	0.04	275.
280.	-0.08	-0.15	0.13	-0.14	-0.09	0.00	0.04	280.
285.	-0.09	-0.17	0.13	-0.15	-0.09	0.00	0.04	285.
290.	-0.10	-0.19	0.12	-0.16	-0.10	0.00	0.04	290.
295.	-0.10	-0.21	0.10	-0.17	-0.11	0.00	0.04	295.
300.	-0.10	-0.21	0.09	-0.18	-0.10	0.00	0.04	300.
305.	-0.10	-0.20	0.08	-0.18	-0.10	0.00	0.04	305.
310.	-0.10	-0.19	0.08	-0.18	-0.10	0.00	0.04	310.
315.	-0.10	-0.20	0.07	-0.17	-0.10	0.00	0.04	315.
320.	-0.10	-0.22	0.05	-0.17	-0.10	0.00	0.04	320.
325.	-0.13	-0.23	0.02	-0.17	-0.10	0.00	0.04	325.
330.	-0.10	-0.27	0.07	-0.20	-0.09	0.00	0.04	330.
335.	-0.23	-0.29	-0.15	-0.23	-0.10	0.00	0.04	335.
340.	-0.29	-0.32	-0.19	-0.24	-0.11	0.02	0.02	340.
345.	-0.28	-0.31	-0.20	-0.24	-0.14	-0.03	0.01	345.
350.	-0.23	-0.27	-0.16	-0.21	-0.12	-0.06	0.03	350.
355.	-0.13	-0.18	-0.13	-0.14	-0.08	-0.03	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-501 CTR NO. 346 TCN 23. C.R. = 42.3

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
DEC.	0.495	1.046	1.053	2.095	4.550	7.153	10.430	DEC.
2.	3.10	0.20	0.18	0.12	0.06	-0.23	0.01	2.
5.	-0.19	-0.11	0.03	0.09	0.21	-0.31	0.01	5.
10.	-0.04	0.08	0.12	0.00	0.23	-0.34	0.00	10.
15.	-0.10	0.09	0.09	0.00	0.01	-0.35	-0.02	15.
20.	-0.04	0.07	0.07	0.07	0.01	-0.34	-0.02	20.
25.	0.22	0.07	0.07	0.06	0.21	-0.33	0.00	25.
30.	0.32	0.10	0.10	0.05	0.31	-0.33	0.00	30.
35.	0.47	0.17	0.11	0.05	0.42	-0.32	0.00	35.
40.	0.58	0.28	0.15	0.06	0.74	-0.32	0.01	40.
45.	0.65	0.40	0.22	0.09	0.90	-0.33	0.02	45.
50.	0.72	0.51	0.30	0.11	0.90	0.17	0.03	50.
55.	0.84	0.57	0.38	0.13	0.10	0.35	0.03	55.
60.	0.95	0.59	0.42	0.15	0.11	0.39	0.03	60.
65.	1.01	0.60	0.44	0.16	0.11	0.39	0.03	65.
70.	1.07	0.57	0.43	0.15	0.11	0.39	0.03	70.
75.	0.93	0.44	0.40	0.12	0.09	0.35	0.02	75.
80.	0.81	0.34	0.34	0.10	0.07	0.31	0.02	80.
85.	0.62	0.07	0.20	0.06	0.02	-0.42	0.01	85.
90.	0.36	-0.07	0.14	0.02	-0.33	-0.34	0.01	90.
95.	0.07	-0.23	-0.12	-0.17	-0.30	-0.38	0.01	95.
100.	-0.23	-0.42	-0.29	-0.18	-0.16	-0.11	0.01	100.
105.	-0.50	-0.64	-0.47	-0.29	-0.26	-0.14	0.00	105.
110.	-0.75	-0.90	-0.63	-0.38	-0.35	-0.16	-0.01	110.
115.	-0.99	-1.21	-0.77	-0.64	-0.42	-0.16	-0.03	115.
120.	-1.19	-1.36	-0.89	-0.90	-0.44	-0.17	-0.04	120.
125.	-1.31	-1.43	-0.99	-0.95	-0.44	-0.19	-0.05	125.
130.	-1.37	-1.46	-1.03	-0.94	-0.45	-0.20	-0.05	130.
135.	-1.39	-1.49	-1.05	-0.90	-0.46	-0.21	-0.05	135.
140.	-1.44	-1.50	-1.06	-0.80	-0.47	-0.21	-0.05	140.
145.	-1.41	-1.44	-1.03	-0.59	-0.46	-0.20	-0.04	145.
150.	-1.39	-1.28	-0.92	-0.57	-0.45	-0.18	-0.04	150.
155.	-1.31	-1.07	-0.82	-0.54	-0.42	-0.15	-0.04	155.
160.	-1.15	-0.80	-0.72	-0.50	-0.36	-0.12	-0.04	160.
165.	-0.90	-0.76	-0.62	-0.46	-0.32	-0.10	-0.03	165.
170.	-0.82	-0.62	-0.52	-0.40	-0.26	-0.07	-0.03	170.
175.	-0.65	-0.40	-0.39	-0.33	-0.19	-0.04	-0.02	175.
180.	-0.47	-0.34	-0.26	-0.26	-0.11	-0.12	-0.02	180.
185.	-0.29	-0.19	-0.14	-0.19	-0.06	-0.07	-0.01	185.
190.	-0.14	-0.04	-0.04	-0.13	0.01	0.11	-0.01	190.
195.	-0.01	0.07	0.03	-0.07	0.04	0.15	-0.00	195.
200.	0.08	0.13	0.09	-0.03	0.05	0.15	-0.00	200.
205.	0.13	0.17	0.15	0.01	0.07	0.15	-0.00	205.
210.	0.13	0.23	0.21	0.03	0.04	0.15	-0.00	210.
215.	0.12	0.27	0.25	0.05	0.04	0.15	-0.00	215.
220.	0.09	0.29	0.27	0.06	0.04	0.15	-0.00	220.
225.	0.06	0.28	0.27	0.07	0.04	0.15	-0.00	225.
230.	0.05	0.27	0.19	0.09	0.10	0.14	-0.01	230.
235.	0.05	0.25	0.10	0.10	0.10	0.14	-0.01	235.
240.	0.03	0.24	0.00	0.11	0.10	0.14	-0.00	240.
245.	0.04	0.26	-0.12	0.13	0.11	0.15	-0.00	245.
250.	0.07	0.34	0.04	0.14	0.12	0.15	-0.00	250.
255.	0.13	0.41	0.24	0.15	0.14	0.16	-0.01	255.
260.	0.20	0.46	0.43	0.17	0.16	0.17	-0.01	260.
265.	0.28	0.49	0.48	0.19	0.17	0.19	-0.01	265.
270.	0.34	0.53	0.46	0.21	0.19	0.19	-0.01	270.
275.	0.38	0.57	0.46	0.22	0.19	0.19	-0.01	275.
280.	0.39	0.61	0.45	0.24	0.21	0.19	-0.01	280.
285.	0.39	0.59	0.44	0.25	0.23	0.19	-0.01	285.
290.	0.37	0.56	0.42	0.26	0.23	0.19	-0.01	290.
295.	0.35	0.53	0.40	0.27	0.23	0.19	-0.01	295.
300.	0.34	0.52	0.38	0.27	0.22	0.19	-0.01	300.
305.	0.35	0.50	0.38	0.27	0.22	0.19	-0.01	305.
310.	0.37	0.49	0.38	0.27	0.22	0.19	-0.01	310.
315.	0.39	0.49	0.37	0.28	0.22	0.19	-0.01	315.
320.	0.41	0.48	0.36	0.28	0.22	0.19	-0.01	320.
325.	0.41	0.47	0.33	0.25	0.22	0.19	-0.01	325.
330.	0.41	0.45	0.29	0.25	0.21	0.19	-0.01	330.
335.	0.38	0.43	0.25	0.25	0.20	0.16	-0.01	335.
340.	0.35	0.43	0.21	0.25	0.19	0.16	-0.02	340.
345.	0.34	0.41	0.17	0.24	0.19	0.16	-0.02	345.
350.	0.34	0.37	0.15	0.25	0.18	0.17	-0.02	350.
355.	0.64	0.40	0.15	0.47	0.16	0.15	-0.01	355.

TEXT NOT REPRODUCIBLE

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=SC1 CNTR NO. 346 TCM=23. C.R.=42.0

DIFFERENTIAL PRESSURES

SPAN STATION 100.0

AZ	CHORD STATION								AZ
000.	2.455	1.242	1.057	2.000	4.552	7.157	13.432	000.	
0.	0.20	0.15	0.15	0.10	0.08	0.13	0.22	0.	
5.	0.24	0.19	0.19	0.14	0.21	0.30	0.03	5.	
10.	0.19	0.14	0.15	0.15	0.12	0.31	0.02	10.	
15.	0.14	0.13	0.12	0.12	0.17	0.37	0.01	15.	
20.	0.10	0.14	0.13	0.12	0.21	0.43	0.02	20.	
25.	0.23	0.16	0.13	0.13	0.22	0.41	0.31	25.	
30.	0.32	0.20	0.12	0.13	0.22	0.32	0.00	30.	
35.	0.44	0.25	0.14	0.12	0.24	0.32	0.01	35.	
40.	0.50	0.31	0.20	0.13	0.30	0.31	0.01	40.	
45.	0.75	0.39	0.29	0.19	0.47	0.32	0.01	45.	
50.	0.97	0.51	0.39	0.25	0.63	0.35	0.22	50.	
55.	1.20	0.67	0.47	0.28	0.64	0.36	0.22	55.	
60.	1.22	0.75	0.54	0.29	0.60	0.36	0.22	60.	
65.	1.01	0.71	0.57	0.29	0.57	0.35	0.22	65.	
70.	0.99	0.65	0.54	0.26	0.50	0.32	0.20	70.	
75.	0.85	0.56	0.49	0.23	0.46	0.31	0.02	75.	
80.	0.55	0.44	0.42	0.14	0.21	0.25	0.00	80.	
85.	0.30	0.30	0.29	0.01	0.17	0.13	0.00	85.	
90.	0.30	0.29	0.09	0.09	0.15	0.15	0.00	90.	
95.	0.51	0.26	0.19	0.19	0.39	0.21	0.07	95.	
100.	0.87	0.45	0.57	0.52	0.56	0.24	0.07	100.	
105.	1.22	0.96	0.67	0.63	0.34	0.26	0.07	105.	
110.	1.55	1.22	0.94	0.74	0.33	0.27	0.00	110.	
115.	1.66	1.39	1.22	0.83	0.11	0.28	0.09	115.	
120.	1.70	1.50	1.11	0.80	0.10	0.23	0.29	120.	
125.	1.57	1.57	1.17	0.74	0.23	0.29	0.29	125.	
130.	1.44	1.60	1.23	0.95	0.24	0.29	0.09	130.	
135.	1.00	1.61	1.19	0.95	0.20	0.24	0.09	135.	
140.	1.39	1.67	1.17	0.93	0.31	0.24	0.00	140.	
145.	1.46	1.55	1.12	0.90	0.33	0.27	0.00	145.	
150.	1.00	1.44	1.07	0.86	0.34	0.25	0.00	150.	
155.	1.15	1.33	1.01	0.81	0.33	0.24	0.07	155.	
160.	1.50	1.10	0.95	0.74	0.32	0.22	0.00	160.	
165.	1.37	1.23	0.86	0.65	0.29	0.19	0.06	165.	
170.	1.15	0.89	0.75	0.55	0.26	0.16	0.00	170.	
175.	0.94	0.74	0.61	0.44	0.22	0.12	0.00	175.	
180.	0.74	0.64	0.44	0.32	0.14	0.09	0.01	180.	
185.	0.54	0.44	0.33	0.21	0.15	0.16	0.01	185.	
190.	0.35	0.33	0.22	0.13	0.13	0.13	0.00	190.	
195.	0.18	0.21	0.12	0.08	0.11	0.11	0.01	195.	
200.	0.36	0.10	0.05	0.01	0.13	0.13	0.01	200.	
205.	0.32	0.01	0.01	0.04	0.09	0.14	0.01	205.	
210.	0.17	0.11	0.06	0.09	0.07	0.15	0.01	210.	
215.	0.11	0.15	0.10	0.12	0.06	0.15	0.01	215.	
220.	0.13	0.10	0.13	0.12	0.05	0.16	0.01	220.	
225.	0.14	0.19	0.15	0.13	0.06	0.16	0.01	225.	
230.	0.14	0.22	0.17	0.13	0.08	0.17	0.01	230.	
235.	0.14	0.24	0.18	0.14	0.11	0.18	0.02	235.	
240.	0.17	0.25	0.19	0.20	0.13	0.18	0.02	240.	
245.	0.22	0.25	0.22	0.23	0.14	0.19	0.03	245.	
250.	0.26	0.26	0.25	0.26	0.14	0.11	0.03	250.	
255.	0.32	0.29	0.24	0.29	0.14	0.11	0.04	255.	
260.	0.40	0.36	0.33	0.29	0.13	0.16	0.04	260.	
265.	0.51	0.40	0.37	0.32	0.12	0.17	0.04	265.	
270.	0.63	0.40	0.41	0.38	0.15	0.19	0.04	270.	
275.	0.79	0.49	0.44	0.47	0.27	0.19	0.04	275.	
280.	0.92	0.75	0.50	0.50	0.06	0.13	0.04	280.	
285.	0.99	0.76	0.53	0.49	0.02	0.19	0.04	285.	
290.	0.93	0.79	0.54	0.47	0.01	0.19	0.04	290.	
295.	0.87	0.77	0.54	0.44	0.02	0.19	0.04	295.	
300.	0.85	0.75	0.52	0.45	0.02	0.19	0.04	300.	
305.	0.85	0.75	0.51	0.44	0.03	0.19	0.04	305.	
310.	0.85	0.66	0.51	0.44	0.02	0.19	0.04	310.	
315.	0.85	0.60	0.51	0.45	0.02	0.19	0.04	315.	
320.	0.86	0.60	0.51	0.44	0.01	0.14	0.05	320.	
325.	0.86	0.60	0.51	0.44	0.01	0.14	0.05	325.	
330.	0.87	0.60	0.51	0.44	0.01	0.14	0.05	330.	
335.	0.86	0.60	0.53	0.45	0.00	0.10	0.06	335.	
340.	0.93	0.76	0.54	0.45	0.03	0.14	0.06	340.	
345.	1.02	0.86	0.54	0.44	0.07	0.17	0.06	345.	
350.	1.03	0.73	0.52	0.45	0.09	0.16	0.06	350.	
355.	0.46	0.31	0.47	0.33	0.09	0.10	0.06	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

VFST-931 CNTR NO. 346 TCN-23. C.R.-42.3

DIFFERENTIAL PRESSURE

SPAN STATION 199.5

AZ	CHORD STATION							AZ
066.	0.455	1.040	1.957	2.990	4.553	7.157	12.430	DEG.
9.	0.02	0.27	0.17	0.11	0.17	0.17	-0.02	0.
9.	0.53	0.43	0.30	0.17	0.15	0.15	-0.01	5.
13.	0.35	0.24	0.19	0.13	0.20	0.25	-0.23	13.
15.	0.20	0.22	0.14	0.08	0.25	0.32	-0.44	15.
23.	0.20	0.27	0.14	0.08	0.25	0.31	-0.04	23.
25.	0.23	0.28	0.16	0.07	0.25	0.24	-0.04	25.
30.	0.34	0.30	0.17	0.05	0.30	0.25	-0.35	30.
35.	0.44	0.33	0.22	0.17	0.37	0.27	-0.25	35.
43.	0.50	0.35	0.26	0.11	0.39	0.26	-0.05	43.
45.	0.50	0.41	0.33	0.16	0.42	0.26	-0.05	45.
50.	0.70	0.51	0.41	0.21	0.46	0.25	-0.05	50.
55.	0.87	0.67	0.53	0.25	0.49	0.27	-0.05	55.
65.	0.99	0.75	0.61	0.28	0.51	0.29	-0.05	65.
65.	0.90	0.75	0.60	0.28	0.52	0.31	-0.05	65.
70.	0.80	0.72	0.52	0.27	0.53	0.34	-0.06	70.
75.	0.70	0.63	0.38	0.22	0.52	0.37	-0.06	75.
85.	0.43	0.50	0.10	0.10	0.47	0.21	-0.09	85.
85.	0.27	0.25	-0.09	-0.07	0.30	0.25	-0.10	85.
90.	-0.40	-0.22	-0.30	-0.22	-0.03	0.24	-0.10	90.
95.	-0.93	-0.68	-0.68	-0.34	-0.11	0.29	-0.39	95.
105.	-1.30	-0.80	-0.95	-0.50	-0.10	0.33	-0.60	105.
105.	-1.50	-1.04	-1.08	-0.62	-0.24	0.31	-0.69	105.
110.	-1.77	-1.33	-1.14	-0.73	-0.20	0.31	-0.65	110.
115.	-1.95	-1.52	-1.17	-0.82	-0.32	0.32	-0.69	115.
120.	-2.10	-1.59	-1.23	-0.97	-0.34	0.33	-0.69	120.
125.	-2.24	-1.50	-1.22	-0.90	-0.34	0.34	-0.68	125.
130.	-2.31	-1.50	-1.22	-0.94	-0.37	0.35	-0.67	130.
135.	-2.23	-1.50	-1.1	-0.99	-0.37	0.36	-0.66	135.
140.	-2.17	-1.27	-1.04	-0.87	-0.30	0.36	-0.65	140.
145.	-2.10	-1.55	-1.23	-0.86	-0.37	0.32	-0.65	145.
150.	-2.12	-1.50	-1.22	-0.86	-0.34	0.29	-0.66	150.
155.	-2.01	-1.42	-1.15	-0.75	-0.30	0.27	-0.66	155.
160.	-1.77	-1.27	-1.05	-0.69	-0.25	0.24	-0.66	160.
165.	-1.52	-1.00	-0.87	-0.62	-0.21	0.21	-0.65	165.
170.	-1.34	-0.81	-0.69	-0.54	-0.14	0.15	-0.64	170.
175.	-1.17	-0.63	-0.55	-0.45	-0.09	0.10	-0.62	175.
180.	-0.99	-0.45	-0.38	-0.37	-0.23	-0.13	-0.60	180.
185.	-0.73	-0.63	-0.28	-0.27	-0.17	-0.11	-0.61	185.
190.	-0.47	-0.41	-0.19	-0.19	-0.10	0.12	-0.62	190.
195.	-0.25	-0.19	-0.12	-0.10	-0.13	0.13	-0.63	195.
200.	-0.10	-0.02	-0.03	-0.04	-0.06	0.13	-0.64	200.
205.	-0.10	0.11	0.04	-0.01	-0.03	0.14	-0.60	205.
210.	-0.04	0.17	0.10	0.01	0.01	0.16	-0.64	210.
215.	0.05	0.19	0.15	0.03	0.04	0.18	-0.65	215.
220.	0.10	0.18	0.14	0.05	0.04	0.19	-0.65	220.
225.	0.12	0.17	0.13	0.04	0.05	0.11	-0.65	225.
230.	0.12	0.17	0.13	0.10	0.05	0.11	-0.65	230.
235.	0.14	0.19	0.17	0.13	0.05	0.15	-0.67	235.
240.	0.27	0.22	0.23	0.16	0.06	0.16	-0.67	240.
245.	0.31	0.26	0.30	0.19	0.07	0.15	-0.68	245.
250.	0.39	0.31	0.37	0.21	0.09	0.19	-0.69	250.
255.	0.44	0.36	0.44	0.24	0.11	0.21	-0.69	255.
260.	0.57	0.42	0.40	0.29	0.13	0.24	-0.68	260.
265.	0.81	0.46	0.52	0.35	0.15	0.24	-0.65	265.
270.	1.03	0.50	0.55	0.41	0.16	0.26	-0.60	270.
275.	1.26	0.56	0.57	0.49	0.16	0.27	-0.69	275.
280.	1.18	0.63	0.59	0.50	0.16	0.28	-0.69	280.
285.	1.27	0.74	0.61	0.59	0.18	0.29	-0.69	285.
290.	1.33	0.80	0.61	0.57	0.19	0.28	-0.68	290.
295.	1.29	0.80	0.62	0.54	0.18	0.29	-0.68	295.
300.	1.23	0.78	0.61	0.52	0.16	0.27	-0.67	300.
305.	1.17	0.75	0.61	0.51	0.16	0.26	-0.67	305.
310.	1.15	0.74	0.60	0.50	0.16	0.25	-0.67	310.
315.	1.15	0.73	0.59	0.50	0.17	0.24	-0.66	315.
320.	1.14	0.72	0.59	0.50	0.19	0.24	-0.66	320.
325.	1.17	0.73	0.59	0.50	0.20	0.24	-0.66	325.
330.	1.18	0.74	0.59	0.50	0.20	0.24	-0.66	330.
335.	1.23	0.76	0.60	0.50	0.20	0.23	-0.65	335.
340.	1.20	0.78	0.62	0.62	0.19	0.24	-0.65	340.
345.	1.39	0.90	0.62	0.59	0.20	0.24	-0.66	345.
350.	1.47	0.80	0.77	0.42	0.19	0.18	-0.64	350.
355.	0.80	0.58	0.41	0.11	0.10	0.17	-0.67	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#496 C4TR N2. 184 TCN# 25. C.R.# 22.1

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ		CHORD STATION		AZ	
0EG.	3.455	1.750	4.550	10.450	0EG.
0.	-1.10	-0.53	-0.29	0.00	3.
5.	-1.21	-0.55	-0.29	0.02	5.
15.	-3.63	-0.29	-0.25	0.04	15.
15.	-3.34	-0.02	0.21	0.06	15.
25.	-3.33	0.11	-0.23	0.21	25.
25.	-3.15	-2.15	-0.27	-0.21	25.
35.	-3.44	-0.23	-0.10	0.01	35.
35.	-3.34	-0.22	-0.30	0.04	35.
45.	-3.42	-0.15	-0.25	0.03	45.
45.	-3.38	-0.12	-0.05	0.20	45.
55.	-3.25	-0.15	-0.20	-0.21	55.
55.	-3.27	-0.17	-0.24	0.20	55.
65.	-3.21	-0.12	-0.21	0.00	65.
65.	-3.01	0.11	-0.21	-0.01	65.
75.	-3.21	0.04	-0.21	-0.03	75.
75.	-3.03	-0.02	-0.21	-0.22	75.
85.	-3.20	-0.02	0.21	-0.21	85.
85.	-3.18	0.02	0.24	0.20	85.
95.	-3.11	0.00	0.20	0.00	95.
95.	-3.45	0.14	0.11	0.00	95.
105.	-3.20	0.21	-0.17	0.01	105.
105.	-3.73	0.27	0.24	0.23	105.
115.	-3.41	0.32	0.27	0.25	115.
115.	-3.00	0.30	0.29	0.05	115.
125.	-3.04	0.43	0.31	0.06	125.
125.	-3.09	0.47	0.33	0.06	125.
135.	-1.25	0.50	0.35	0.06	135.
135.	-1.11	0.53	0.36	0.07	135.
145.	-1.15	0.55	0.37	0.07	145.
145.	-1.20	0.56	0.37	0.27	145.
155.	-1.24	0.56	0.36	0.06	155.
155.	-1.26	0.56	0.34	0.05	155.
165.	-1.24	0.55	0.34	0.05	165.
165.	-1.17	0.52	0.32	0.06	165.
175.	-1.06	0.47	0.25	0.05	175.
175.	-0.90	0.40	0.22	0.02	175.
185.	-0.72	0.31	0.16	0.01	185.
185.	-0.51	0.18	0.10	0.00	185.
195.	-0.24	0.04	0.04	0.00	195.
195.	-0.32	-0.09	-0.21	0.01	195.
205.	-3.00	-0.10	-0.36	0.01	205.
205.	-3.26	-0.22	-0.13	0.00	205.
215.	-3.35	-0.24	-0.14	0.00	215.
215.	-3.41	-0.24	-0.16	-0.03	215.
225.	-3.42	-0.24	-0.17	-0.31	225.
225.	-3.44	-0.24	-0.18	-0.02	225.
235.	-3.44	-0.24	-0.18	-0.03	235.
235.	-3.44	-0.24	-0.18	-0.03	235.
245.	-3.42	-0.22	-0.17	-0.04	245.
245.	-3.43	-0.23	-0.18	-0.05	245.
255.	-3.41	-0.21	-0.16	-0.05	255.
255.	-0.39	-0.21	-0.16	-0.06	255.
265.	-3.38	-0.23	-0.15	-0.07	265.
265.	-3.39	-0.18	-0.15	-0.07	265.
275.	-3.39	-0.14	-0.14	-0.06	275.
275.	-3.39	-0.10	-0.14	-0.06	275.
285.	-3.42	-0.07	-0.14	-0.05	285.
285.	-0.40	-0.04	-0.13	-0.07	285.
295.	-3.40	-0.11	-0.11	-0.09	295.
295.	-3.36	0.01	-0.09	-0.00	295.
305.	-3.33	0.02	-0.10	-0.07	305.
305.	-3.31	0.01	-0.10	-0.06	305.
315.	-3.31	-0.03	-0.08	-0.06	315.
315.	-3.31	-0.03	-0.07	-0.05	315.
325.	-0.35	-0.08	-0.09	-0.02	325.
325.	-3.41	-0.15	-0.09	-0.02	325.
335.	-3.31	-0.24	-0.12	-0.02	335.
335.	-3.68	-0.31	-0.14	0.01	335.
345.	-3.65	-0.29	-0.15	0.01	345.
345.	-3.63	-0.29	-0.14	0.01	345.
355.	-3.59	-0.35	-0.13	0.01	355.
355.	-0.00	-0.42	-0.21	0.00	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#494 CNTR NO. 104 TCN# 25. C.R.# 22.1

DIFFERENTIAL PRESSURES

SPAN STATION 70.0									
CHORD STATION									
AZ	0.455	1.340	1.950	2.900	4.350	7.150	10.400	AZ	
DEG.								DEG.	
0.	-1.50	-1.12	-0.56	-0.56	-0.30	-3.10	-0.37	0.	
5.	-1.03	-1.02	-0.57	-0.63	-0.45	-3.19	-0.06	5.	
10.	-1.36	-1.07	-0.50	-0.45	-0.30	-0.12	0.31	10.	
15.	-1.23	-0.99	-3.67	-0.42	-0.25	-3.10	0.02	15.	
20.	-1.13	-0.85	-0.62	-0.36	-0.23	-3.12	-0.01	20.	
25.	-1.05	-0.87	-0.63	-0.36	-0.22	-3.12	-0.03	25.	
30.	-0.65	-0.59	-3.45	-0.26	-0.17	-0.10	-0.02	30.	
35.	-0.41	-0.37	-0.33	-0.16	-0.11	-3.10	-0.02	35.	
40.	-0.29	-0.24	-0.20	-0.14	-0.10	-0.11	-0.03	40.	
45.	-0.22	-0.19	-0.26	-0.13	-0.08	-3.10	-0.03	45.	
50.	-0.17	-0.19	-0.25	-0.12	-0.09	-3.12	-0.02	50.	
55.	-0.13	-0.16	-0.25	-0.11	-0.08	-3.12	-0.03	55.	
60.	-0.08	-0.14	-0.24	-0.10	-0.02	-3.10	-0.02	60.	
65.	-0.02	-0.11	-0.22	-0.09	-0.02	-0.11	-0.04	65.	
70.	0.36	-0.07	-0.19	-0.04	-0.01	-0.11	-0.03	70.	
75.	0.11	-0.00	-0.14	-0.02	0.03	-3.11	-0.03	75.	
80.	0.12	0.07	-0.00	0.06	0.09	-3.00	-0.02	80.	
85.	0.29	0.16	-0.60	0.15	0.13	-3.00	-0.21	85.	
90.	0.42	0.25	0.00	0.16	0.21	-0.05	0.33	90.	
95.	0.53	0.33	0.14	0.22	0.26	-0.03	-0.00	95.	
100.	0.63	0.42	0.21	0.26	0.29	-0.31	0.00	100.	
105.	0.73	0.50	0.26	0.28	0.31	0.02	0.02	105.	
110.	0.84	0.59	0.32	0.32	0.34	0.04	0.03	110.	
115.	0.97	0.67	0.38	0.38	0.37	0.20	0.25	115.	
120.	1.09	0.77	0.45	0.44	0.44	0.13	0.05	120.	
125.	1.20	0.86	0.52	0.47	0.47	0.14	0.06	125.	
130.	1.29	0.96	0.59	0.51	0.47	0.16	0.06	130.	
135.	1.30	1.04	0.66	0.51	0.46	0.16	0.00	135.	
140.	1.47	1.12	0.73	0.53	0.47	0.10	0.00	140.	
145.	1.53	1.18	0.79	0.56	0.50	0.22	0.20	145.	
150.	1.65	1.24	0.86	0.55	0.50	0.20	0.27	150.	
155.	1.77	1.32	0.93	0.56	0.51	0.21	0.09	155.	
160.	1.89	1.41	0.98	0.61	0.51	0.23	0.09	160.	
165.	1.99	1.47	1.03	0.66	0.50	0.24	0.10	165.	
170.	2.09	1.40	1.06	0.68	0.48	0.26	0.10	170.	
175.	1.95	1.50	1.03	0.66	0.45	0.20	0.07	175.	
180.	1.71	1.20	0.96	0.59	0.30	0.24	0.00	180.	
185.	1.38	1.09	0.80	0.49	0.35	0.21	0.07	185.	
190.	1.03	0.83	0.62	0.36	0.25	0.10	0.06	190.	
195.	0.66	0.56	0.43	0.23	0.10	0.13	0.03	195.	
200.	0.33	0.31	0.25	0.11	0.02	0.07	0.00	200.	
205.	-0.02	0.12	0.10	0.03	-0.05	0.25	-0.01	205.	
210.	-0.16	-0.03	-0.03	-0.03	-0.00	0.01	-0.01	210.	
215.	-0.34	-0.13	-0.11	-0.07	-0.12	-0.01	-0.01	215.	
220.	-0.40	-0.23	-0.16	-0.10	-0.16	-0.02	-0.03	220.	
225.	-0.56	-0.33	-0.19	-0.10	-0.19	-0.03	-0.04	225.	
230.	-0.56	-0.30	-0.24	-0.21	-0.21	-0.04	-0.03	230.	
235.	-0.52	-0.52	-0.27	-0.23	-0.22	-0.05	-0.03	235.	
240.	-0.50	-0.45	-0.29	-0.23	-0.24	-0.06	-0.04	240.	
245.	-0.66	-0.47	-0.29	-0.24	-0.25	-0.07	-0.04	245.	
250.	-0.69	-0.40	-0.29	-0.24	-0.26	-0.07	-0.05	250.	
255.	-0.71	-0.49	-0.29	-0.23	-0.26	-0.07	-0.05	255.	
260.	-0.73	-0.50	-0.29	-0.23	-0.26	-0.06	-0.05	260.	
265.	-0.76	-0.50	-0.29	-0.23	-0.26	-0.07	-0.06	265.	
270.	-0.75	-0.50	-0.29	-0.23	-0.26	-0.06	-0.06	270.	
275.	-0.75	-0.56	-0.29	-0.23	-0.26	-0.06	-0.05	275.	
280.	-0.75	-0.56	-0.29	-0.23	-0.26	-0.05	-0.05	280.	
285.	-0.74	-0.50	-0.29	-0.23	-0.23	-0.05	-0.05	285.	
290.	-0.74	-0.50	-0.29	-0.23	-0.22	-0.04	-0.04	290.	
295.	-0.73	-0.50	-0.29	-0.23	-0.22	-0.05	-0.02	295.	
300.	-0.71	-0.51	-0.28	-0.23	-0.23	-0.04	-0.02	300.	
305.	-0.70	-0.51	-0.28	-0.23	-0.23	-0.03	-0.03	305.	
310.	-0.69	-0.51	-0.28	-0.23	-0.21	-0.02	-0.02	310.	
315.	-0.60	-0.51	-0.29	-0.23	-0.19	-0.02	-0.01	315.	
320.	-0.60	-0.50	-0.29	-0.23	-0.10	-0.02	-0.00	320.	
325.	-0.60	-0.48	-0.29	-0.22	-0.19	-0.02	-0.01	325.	
330.	-0.63	-0.46	-0.30	-0.22	-0.21	-0.03	-0.01	330.	
335.	-0.66	-0.47	-0.32	-0.22	-0.21	-0.03	-0.01	335.	
340.	-0.73	-0.50	-0.34	-0.24	-0.21	-0.04	-0.01	340.	
345.	-0.59	-0.59	-0.24	-0.10	-0.17	-0.03	0.02	345.	
350.	-0.37	-0.24	-0.14	-0.11	-0.14	-0.02	0.03	350.	
355.	-0.79	-0.22	-0.23	-0.21	-0.23	-0.00	-0.03	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CNTR NO. 104 TCN= 25. C.R.= 22.1

DIFFERENTIAL PRESSURES

SPAN STATION 110.7									
CHORD STATION									
AZ	0.455	1.040	1.950	2.990	4.550	7.150	10.100	AZ	
DEG.								DEG.	
0.	-1.20	-3.95	-0.64	-0.46	-0.39	-3.17	-0.05	0.	
5.	-1.35	-0.87	-0.60	-0.44	-0.36	-3.15	-0.35	5.	
10.	-1.09	-0.75	-0.51	-0.43	-0.28	-0.14	-0.86	10.	
15.	-0.84	-0.69	-3.48	-0.33	-0.21	-0.14	-0.08	15.	
20.	-3.79	-0.70	-0.47	-0.34	-0.17	-0.11	-0.10	20.	
25.	-3.55	-0.50	-0.29	-0.27	-0.07	-2.10	-0.10	25.	
30.	-0.59	-0.23	-0.11	-0.16	0.05	-3.13	-0.89	30.	
35.	0.21	-0.05	0.03	-0.04	0.17	-0.13	-0.13	35.	
40.	3.47	0.00	0.10	0.04	0.26	-0.00	-0.89	40.	
45.	0.67	0.19	0.15	0.04	0.34	-0.06	-0.00	45.	
50.	0.01	0.28	3.19	0.12	0.40	-0.00	-0.10	50.	
55.	3.92	0.34	0.24	0.16	0.47	-0.07	-0.11	55.	
60.	1.00	0.37	0.27	0.15	0.52	-3.07	-0.10	60.	
65.	1.32	0.39	0.27	0.17	0.51	-0.00	-0.13	65.	
70.	1.30	0.41	0.25	0.10	0.47	-0.05	-3.39	70.	
75.	1.02	0.42	3.21	0.17	0.40	-0.05	-0.10	75.	
80.	0.90	0.34	0.10	0.13	0.32	-0.00	-0.09	80.	
85.	0.07	0.36	0.09	0.09	0.25	-0.03	-0.09	85.	
90.	0.03	0.27	0.09	0.07	0.27	-3.00	-0.00	90.	
95.	0.05	0.31	0.12	0.05	0.31	-0.09	-0.37	95.	
100.	0.09	0.37	0.14	0.09	0.33	-0.07	-0.00	100.	
105.	0.03	0.40	0.14	0.11	0.32	-0.04	-0.00	105.	
110.	3.90	0.41	0.15	0.13	0.31	-0.02	-0.25	110.	
115.	3.99	0.44	0.16	0.15	0.29	-2.31	-0.05	115.	
120.	0.09	0.51	3.20	0.16	0.29	-0.01	-0.04	120.	
125.	0.21	0.49	0.17	0.13	0.28	-3.09	-0.32	125.	
130.	0.76	0.43	0.14	0.09	0.24	0.30	-0.01	130.	
135.	0.71	0.35	0.14	0.07	0.20	0.01	0.00	135.	
140.	0.00	0.30	0.14	0.06	0.17	0.01	0.01	140.	
145.	0.54	0.30	0.14	0.00	0.14	3.22	0.01	145.	
150.	0.00	3.40	0.10	0.11	0.14	3.34	0.02	150.	
155.	0.79	0.55	0.20	0.10	0.16	0.37	0.34	155.	
160.	0.00	0.70	0.41	0.24	0.20	0.11	0.00	160.	
165.	1.12	0.05	0.52	0.34	0.23	0.16	0.00	165.	
170.	1.20	0.00	0.61	0.42	0.26	0.21	0.10	170.	
175.	1.22	1.00	0.47	0.46	0.27	0.24	0.11	175.	
180.	1.16	1.05	0.70	0.50	0.27	0.46	0.12	180.	
185.	1.03	0.96	0.69	0.50	0.25	0.25	0.13	185.	
190.	0.07	0.84	0.60	0.44	0.20	3.23	0.12	190.	
195.	0.67	0.69	0.49	0.37	0.15	0.19	0.10	195.	
200.	0.45	0.53	0.37	0.30	3.00	3.16	0.00	200.	
205.	0.21	0.37	0.27	0.23	0.03	3.14	0.37	205.	
210.	-0.01	0.22	0.17	0.14	-0.03	0.11	0.00	210.	
215.	-0.10	0.10	0.04	0.06	-0.00	0.09	0.00	215.	
220.	-3.32	-0.00	0.02	0.01	-0.12	0.37	0.07	220.	
225.	-0.43	-0.10	-0.03	-0.03	-0.17	0.05	0.00	225.	
230.	-3.53	-0.10	-0.00	-0.05	-0.21	0.04	0.00	230.	
235.	-0.61	-0.25	-0.11	-0.07	-0.24	3.03	0.00	235.	
240.	-3.05	-0.31	-0.14	-0.09	-0.27	3.05	0.00	240.	
245.	-3.68	-0.34	-0.16	-0.11	-0.29	0.32	0.03	245.	
250.	-3.74	-0.37	-0.10	-0.12	-0.30	3.02	0.04	250.	
255.	-0.02	-0.39	-0.19	-0.13	-0.30	3.01	0.04	255.	
260.	-3.02	-0.40	-0.20	-0.14	-0.31	3.01	0.04	260.	
265.	-0.03	-0.40	-3.21	-0.14	-0.31	0.31	0.35	265.	
270.	-0.03	-0.41	-0.22	-0.15	-0.31	0.00	0.04	270.	
275.	-0.03	-0.41	-0.22	-0.15	-0.32	0.00	0.04	275.	
280.	-0.03	-0.41	-3.23	-0.15	-0.32	0.01	0.04	280.	
285.	-0.03	-0.40	-0.23	-0.15	-0.32	3.02	0.04	285.	
290.	-3.02	-0.38	-0.23	-0.15	-0.32	0.03	0.04	290.	
295.	-3.00	-0.39	-0.22	-0.15	-0.31	0.03	0.04	295.	
300.	-0.74	-0.58	-0.21	-0.15	-0.30	0.03	0.04	300.	
305.	-3.77	-0.57	-0.20	-0.11	-0.29	0.01	0.05	305.	
310.	-3.74	-0.52	-0.16	-0.00	-0.28	0.00	0.05	310.	
315.	-3.74	-0.51	-0.13	-0.07	-0.26	-3.31	0.03	315.	
320.	-3.60	-3.33	-0.14	-0.09	-0.25	-3.03	0.03	320.	
325.	-0.77	-0.40	-0.21	-0.13	-0.25	-0.04	0.23	325.	
330.	-0.99	-0.66	-0.30	-0.20	-0.27	-0.05	0.02	330.	
335.	-1.14	-0.74	-0.45	-0.27	-0.31	-0.07	-0.00	335.	
340.	-1.00	-0.71	-0.44	-0.23	-0.31	-0.09	-0.02	340.	
345.	-1.16	-0.73	-0.40	-0.30	-0.30	-3.11	-0.03	345.	
350.	-1.43	-0.94	-0.56	-0.30	-0.33	-0.14	-0.05	350.	
355.	-1.55	-1.10	-0.75	-0.45	-0.39	-0.16	-0.00	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

EST-494 CNR 43. 184 TCN 25. C.R. = 22.1

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.905	4.550	7.153	10.400	DEG.
3.	-0.02	-0.00	-0.55	-0.40	-0.33	-0.30	-0.03	6.
5.	-1.35	-0.01	-0.03	-0.04	-0.35	-0.14	-0.04	5.
15.	-0.71	-0.65	-0.44	-0.42	-0.26	-0.19	-0.26	10.
15.	-0.20	-0.16	-0.25	-0.21	-0.11	-0.10	-0.24	15.
20.	-0.06	-0.02	-0.23	-0.05	-0.05	-0.14	-0.32	20.
25.	-0.01	0.02	-0.17	-0.32	-0.02	-0.11	-0.03	25.
30.	0.31	0.23	-0.04	0.09	0.36	-0.00	-0.03	30.
35.	0.40	0.31	0.16	0.23	0.14	-0.34	-0.01	35.
40.	1.04	0.81	0.25	0.30	0.23	-0.35	0.02	40.
45.	1.20	1.03	0.30	0.34	0.31	-0.32	0.03	45.
50.	1.40	1.15	0.50	0.60	0.40	-0.33	0.32	50.
55.	1.44	1.19	0.57	0.77	0.44	0.01	0.02	55.
60.	1.40	1.29	0.62	0.81	0.47	0.30	0.02	60.
65.	1.46	1.30	0.63	0.83	0.48	-0.31	0.02	65.
70.	1.29	1.20	0.60	0.84	0.49	-0.33	0.05	70.
75.	1.00	1.14	0.51	0.84	0.49	-0.35	-0.32	75.
80.	0.80	0.89	0.43	0.81	0.48	-0.34	-0.01	80.
85.	0.74	0.77	0.29	0.79	0.44	-0.12	-0.02	85.
90.	0.61	0.60	0.20	0.74	0.36	-0.17	-0.07	90.
95.	0.47	0.33	0.09	0.65	0.28	-0.22	-0.08	95.
100.	0.34	0.47	-0.05	0.53	0.19	-0.21	-0.08	100.
105.	0.07	0.36	-0.25	0.37	0.07	-0.23	-0.09	105.
110.	-0.44	-0.02	-0.57	0.12	-0.37	-0.29	-0.11	110.
115.	-1.15	-0.70	-0.90	-0.17	-0.22	-0.32	-0.12	115.
120.	-1.71	-1.13	-1.26	-0.35	-0.31	-0.35	-0.12	120.
125.	-1.00	-1.20	-1.27	-0.41	-0.30	-0.35	-0.11	125.
130.	-1.72	-1.06	-1.14	-0.39	-0.26	-0.33	-0.10	130.
135.	-1.35	-1.06	-0.97	-0.32	-0.20	-0.29	-0.11	135.
140.	-1.32	-0.99	-0.82	-0.24	-0.13	-0.24	-0.10	140.
145.	-1.00	-0.61	-0.64	-0.17	-0.07	-0.23	-0.07	145.
150.	-0.84	-0.21	-0.46	-0.10	-0.04	-0.19	-0.07	150.
155.	-0.50	0.33	-0.27	-0.02	-0.04	-0.13	-0.07	155.
160.	-0.32	0.10	-0.10	0.07	0.04	-0.05	-0.05	160.
165.	-0.07	0.26	0.03	0.14	0.14	0.35	-0.05	165.
170.	0.17	0.29	0.10	0.20	0.23	0.35	-0.01	170.
175.	0.37	0.32	0.31	0.24	0.20	0.30	0.01	175.
180.	0.53	0.37	0.30	0.27	0.25	0.13	0.01	180.
185.	0.53	0.41	0.45	0.20	0.23	0.16	0.33	185.
190.	0.60	0.48	0.49	0.27	0.20	0.18	0.35	190.
195.	0.66	0.52	0.48	0.22	0.16	0.16	0.06	195.
200.	0.50	0.50	0.45	0.16	0.11	0.14	0.04	200.
205.	0.40	0.30	0.40	0.06	0.05	0.15	0.03	205.
210.	0.36	0.19	0.34	-0.01	-0.30	0.13	0.03	210.
215.	0.23	0.02	0.28	-0.00	-0.35	0.12	0.03	215.
220.	0.11	-0.11	0.22	-0.14	-0.39	0.11	0.03	220.
225.	0.01	-0.19	0.17	-0.19	-0.11	0.11	0.03	225.
230.	-0.07	-0.24	0.14	-0.22	-0.13	0.11	0.04	230.
235.	-0.13	-0.27	0.12	-0.25	-0.14	0.12	0.04	235.
240.	-0.10	-0.30	0.11	-0.27	-0.14	0.13	0.04	240.
245.	-0.22	-0.32	0.10	-0.29	-0.15	0.13	0.05	245.
250.	-0.24	-0.33	0.10	-0.32	-0.15	0.12	0.05	250.
255.	-0.25	-0.34	0.10	-0.33	-0.17	0.12	0.05	255.
260.	-0.25	-0.34	0.10	-0.34	-0.18	0.12	0.05	260.
265.	-0.24	-0.34	0.10	-0.34	-0.19	0.12	0.05	265.
270.	-0.24	-0.35	0.10	-0.34	-0.19	0.12	0.05	270.
275.	-0.24	-0.36	0.10	-0.34	-0.19	0.12	0.05	275.
280.	-0.23	-0.36	0.10	-0.35	-0.19	0.12	0.05	280.
285.	-0.20	-0.35	0.10	-0.36	-0.18	0.12	0.06	285.
290.	-0.15	-0.32	0.10	-0.35	-0.17	0.12	0.06	290.
295.	-0.09	-0.26	0.11	-0.34	-0.16	0.13	0.06	295.
300.	-0.03	-0.21	0.12	-0.30	-0.15	0.14	0.06	300.
305.	0.01	-0.10	0.14	-0.26	-0.14	0.13	0.07	305.
310.	0.04	-0.16	0.15	-0.23	-0.13	0.13	0.08	310.
315.	0.06	-0.15	0.15	-0.22	-0.11	0.14	0.07	315.
320.	0.03	-0.10	0.12	-0.21	-0.00	0.13	0.06	320.
325.	0.01	-0.21	0.09	-0.22	-0.10	0.11	0.06	325.
330.	0.01	-0.22	0.07	-0.22	-0.11	0.10	0.05	330.
335.	0.10	-0.19	0.07	-0.22	-0.09	0.09	0.05	335.
340.	0.34	-0.04	0.16	-0.19	-0.07	0.09	0.04	340.
345.	0.61	-0.10	0.02	-0.23	-0.13	0.09	0.03	345.
350.	-0.99	-0.63	-0.35	-0.41	-0.24	0.12	-0.01	350.
355.	-1.12	-0.60	-0.48	-0.66	-0.30	0.14	-0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CTR NO. 194 TCN=25. C.R.= 22.1

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
DEG.	0.495	1.346	1.950	2.996	4.550	7.150	10.400	DEG.
0.	3.28	0.17	0.13	0.21	-0.07	-0.03	-0.17	0.
5.	3.99	-0.27	-0.21	-0.05	-0.28	-0.12	-0.02	5.
10.	3.38	-0.44	-0.33	-0.07	-0.26	-0.15	-0.03	10.
15.	3.20	-0.21	-0.21	0.04	-0.16	-0.14	-0.02	15.
20.	3.40	0.07	0.04	0.19	-0.03	-0.06	-0.01	20.
25.	0.62	0.32	0.22	0.27	0.13	0.09	0.00	25.
30.	0.73	0.52	0.34	0.34	0.23	0.05	0.02	30.
35.	0.81	0.68	0.40	0.40	0.28	0.06	0.03	35.
40.	0.92	0.80	0.44	0.47	0.33	0.07	0.03	40.
45.	1.04	0.89	0.55	0.53	0.41	0.10	0.03	45.
50.	1.14	0.97	0.64	0.59	0.49	0.14	0.05	50.
55.	1.19	1.01	0.74	0.63	0.56	0.16	0.07	55.
60.	1.16	0.94	0.69	0.64	0.60	0.15	0.06	60.
65.	1.04	0.78	0.52	0.62	0.61	0.12	0.05	65.
70.	0.99	0.57	0.29	0.52	0.57	0.08	0.03	70.
75.	0.68	0.30	0.04	0.49	0.53	0.02	0.04	75.
80.	0.43	0.00	-0.17	0.47	0.44	-0.05	0.02	80.
85.	0.21	-0.33	-0.31	0.75	0.29	-0.12	-0.01	85.
90.	-0.00	-0.72	-0.50	0.51	0.03	-0.22	-0.04	90.
95.	-0.43	-1.10	-0.81	-0.50	-0.14	-0.30	-0.03	95.
100.	-1.15	-1.71	-1.37	-1.41	-0.25	-0.30	-0.03	100.
105.	-1.97	-2.27	-1.76	-1.81	-0.29	-0.29	-0.03	105.
110.	-2.45	-2.82	-1.96	-1.96	-0.32	-0.31	-0.03	110.
115.	-2.57	-3.23	-2.07	-2.11	-0.39	-0.34	-0.03	115.
120.	-2.64	-3.34	-2.17	-1.94	-0.48	-0.36	-0.04	120.
125.	-2.74	-3.32	-2.29	-1.44	-0.60	-0.37	-0.05	125.
130.	-2.83	-3.18	-2.37	-1.11	-0.63	-0.37	-0.06	130.
135.	-2.82	-2.94	-2.29	-1.00	-0.60	-0.34	-0.05	135.
140.	-2.64	-2.63	-2.00	-1.00	-0.55	-0.33	-0.04	140.
145.	-2.15	-2.25	-1.65	-0.89	-0.48	-0.29	-0.03	145.
150.	-1.99	-1.83	-1.28	-0.74	-0.40	-0.23	-0.02	150.
155.	-1.99	-1.39	-0.90	-0.60	-0.33	-0.18	-0.01	155.
160.	-1.19	-1.00	-0.71	-0.48	-0.24	-0.13	0.00	160.
165.	-0.81	-0.68	-0.47	-0.37	-0.15	-0.09	0.01	165.
170.	-0.47	-0.39	-0.26	-0.26	-0.08	-0.05	0.01	170.
175.	-0.22	-0.13	-0.07	-0.14	-0.00	-0.00	0.00	175.
180.	-0.02	0.10	0.11	-0.03	0.05	0.04	0.02	180.
185.	0.18	0.31	0.27	0.03	0.07	0.07	0.04	185.
190.	0.39	0.40	0.38	0.1	0.08	0.08	0.04	190.
195.	0.49	0.59	0.45	0.14	0.08	0.09	0.04	195.
200.	0.52	0.65	0.49	0.17	0.07	0.09	0.03	200.
205.	0.52	0.69	0.51	0.17	0.06	0.08	0.03	205.
210.	0.49	0.70	0.51	0.18	0.03	0.07	0.02	210.
215.	0.45	0.70	0.50	0.17	-0.00	0.07	0.02	215.
220.	0.42	0.68	0.49	0.16	-0.03	0.07	0.02	220.
225.	0.38	0.67	0.48	0.16	-0.05	0.07	0.02	225.
230.	0.34	0.67	0.47	0.16	-0.07	0.07	0.02	230.
235.	0.29	0.67	0.48	0.17	-0.07	0.08	0.02	235.
240.	0.28	0.68	0.57	0.17	-0.07	0.10	0.02	240.
245.	0.29	0.69	0.53	0.18	-0.06	0.11	0.02	245.
250.	0.33	0.72	0.56	0.20	-0.05	0.11	0.02	250.
255.	0.38	0.74	0.59	0.21	-0.05	0.12	0.02	255.
260.	0.44	0.77	0.61	0.23	-0.03	0.12	0.02	260.
265.	0.47	0.79	0.63	0.25	-0.02	0.13	0.02	265.
270.	0.48	0.81	0.64	0.27	-0.01	0.14	0.02	270.
275.	0.49	0.84	0.64	0.28	0.01	0.14	0.02	275.
280.	0.51	0.88	0.68	0.30	0.02	0.15	0.02	280.
285.	0.54	0.93	0.71	0.31	0.03	0.16	0.02	285.
290.	0.59	0.99	0.73	0.33	0.04	0.16	0.02	290.
295.	0.67	1.02	0.77	0.36	0.05	0.17	0.02	295.
300.	0.75	1.06	0.81	0.40	0.06	0.18	0.02	300.
305.	0.82	1.09	0.84	0.44	0.07	0.18	0.02	305.
310.	0.88	1.16	0.84	0.47	0.08	0.18	0.02	310.
315.	0.88	1.22	0.86	0.49	0.09	0.18	0.02	315.
320.	0.88	1.18	0.80	0.49	0.12	0.17	0.03	320.
325.	0.82	1.04	0.74	0.48	0.14	0.16	0.04	325.
330.	0.74	0.88	0.67	0.47	0.14	0.14	0.02	330.
335.	0.67	0.79	0.61	0.41	0.09	0.12	0.02	335.
340.	0.58	0.76	0.57	0.37	0.05	0.11	0.02	340.
345.	0.62	0.84	0.58	0.35	0.08	0.11	-0.03	345.
350.	0.74	0.85	0.62	0.44	0.14	0.10	-0.16	350.
355.	0.89	0.98	0.44	0.45	0.09	0.13	-0.25	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-4994 CNTR NO. 104 TCN- 25. C.R.- 22.1

DIFFERENTIAL PRESSURES

SPAN STATION 100.0

AZ	CHORD STATION							AZ
DEG.	3.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	0.25	0.40	0.34	0.34	0.30	0.34	0.02	0.
5.	-0.45	-0.23	-0.32	-0.01	0.17	-0.09	-0.01	5.
10.	-3.97	-0.50	-0.36	-0.04	0.12	-0.11	-0.01	10.
15.	-0.33	-0.36	-0.25	0.06	0.19	-0.08	0.00	15.
20.	0.05	-0.02	-0.05	0.21	0.32	-0.03	0.01	20.
25.	0.52	0.20	0.10	0.25	0.42	0.42	0.04	25.
30.	0.00	0.53	0.36	0.39	0.50	0.35	0.06	30.
35.	1.16	0.76	0.45	0.39	0.51	0.03	0.30	35.
40.	1.20	0.92	0.52	0.43	0.54	0.30	0.05	40.
45.	1.35	1.03	0.57	0.47	0.62	0.32	0.05	45.
50.	1.37	1.07	0.70	0.51	0.70	0.06	0.05	50.
55.	1.33	1.04	1.01	0.55	0.94	0.08	0.06	55.
60.	1.20	0.92	1.34	0.75	1.32	0.06	0.34	60.
65.	0.99	0.75	1.52	1.03	1.32	-0.01	-0.33	65.
70.	0.75	0.50	1.47	0.81	0.94	-0.30	-0.33	70.
75.	0.49	0.40	1.29	0.29	0.81	-0.16	-0.02	75.
80.	0.23	0.10	1.14	-0.17	0.60	-0.26	-0.06	80.
85.	0.11	-0.04	0.92	-0.37	0.41	-0.30	-0.10	85.
90.	-0.03	-0.30	0.70	-0.66	0.11	-0.39	-0.04	90.
95.	-1.57	-1.20	-0.36	-1.10	-1.31	-0.27	-0.33	95.
100.	-2.11	-1.03	-1.35	-1.47	-2.56	-0.19	-0.02	100.
105.	-2.31	-2.29	-1.06	-1.04	-3.06	-0.12	-0.01	105.
110.	-2.52	-2.52	-1.75	-2.30	-3.03	-0.11	-0.02	110.
115.	-2.71	-2.76	-1.04	-2.72	-2.56	-0.35	-0.02	115.
120.	-2.49	-2.97	-2.12	-2.01	-1.50	-0.23	-0.02	120.
125.	-3.04	-3.10	-2.39	-3.00	-0.20	-0.32	-0.04	125.
130.	-3.12	-3.11	-2.52	-2.62	-0.97	-0.30	-0.06	130.
135.	-3.09	-3.00	-2.55	-1.72	-0.29	-0.30	-0.06	135.
140.	-2.98	-2.74	-2.41	-1.17	-0.42	-0.35	-0.06	140.
145.	-2.76	-2.20	-2.12	-1.02	-0.44	-0.31	-0.06	145.
150.	-2.40	-1.95	-1.00	-0.02	-0.30	-0.26	-0.36	150.
155.	-1.97	-1.57	-1.40	-0.00	-0.29	-0.21	-0.34	155.
160.	-1.51	-1.19	-1.00	-0.40	-0.16	-0.16	-0.04	160.
165.	-1.14	-0.05	-0.73	-0.35	-0.05	-0.11	-0.03	165.
170.	-0.81	-0.34	-0.50	-0.19	0.05	-0.36	-0.02	170.
175.	-0.50	-0.20	-0.31	-0.05	0.10	-0.21	-0.02	175.
180.	-0.10	-0.01	-0.10	0.30	0.13	0.43	-0.01	180.
185.	0.12	0.21	-0.02	0.21	0.25	0.36	-0.00	185.
190.	0.35	0.40	0.09	0.30	0.12	0.30	-0.01	190.
195.	0.40	0.54	0.27	0.44	0.13	0.13	-0.01	195.
200.	0.54	0.62	0.24	0.35	0.13	0.10	-0.01	200.
205.	0.54	0.63	0.29	0.37	0.12	0.10	-0.01	205.
210.	0.51	0.61	0.31	0.39	0.11	0.17	-0.02	210.
215.	0.46	0.57	0.32	0.40	0.08	0.19	-0.03	215.
220.	0.43	0.55	0.32	0.41	0.35	0.09	-0.02	220.
225.	0.41	0.54	0.31	0.43	0.33	0.39	-0.01	225.
230.	0.41	0.54	0.30	0.45	0.32	0.13	-0.00	230.
235.	0.43	0.54	0.29	0.46	0.32	0.11	-0.01	235.
240.	0.45	0.55	0.37	0.40	0.31	0.11	-0.01	240.
245.	0.48	0.56	0.31	0.57	0.01	0.12	-0.00	245.
250.	0.52	0.50	0.33	0.51	0.01	0.12	0.00	250.
255.	0.56	0.61	0.35	0.53	0.01	0.13	0.00	255.
260.	0.61	0.65	0.37	0.55	0.01	0.14	0.01	260.
265.	0.66	0.70	0.30	0.55	0.01	0.14	0.01	265.
270.	0.71	0.76	0.37	0.50	0.32	0.14	0.01	270.
275.	0.70	0.62	0.41	0.60	0.03	0.15	0.01	275.
280.	0.67	0.67	0.43	0.63	0.35	0.16	0.01	280.
285.	0.67	0.62	0.47	0.66	0.07	0.17	0.01	285.
290.	1.06	0.97	0.51	0.69	0.10	0.17	0.02	290.
295.	1.14	1.01	0.50	0.72	0.13	0.15	0.02	295.
300.	1.21	1.06	0.65	0.75	0.17	0.18	0.02	300.
305.	1.27	1.10	0.72	0.76	0.21	0.19	0.03	305.
310.	1.30	1.13	0.74	0.77	0.26	0.20	0.04	310.
315.	1.32	1.14	0.75	0.76	0.32	0.20	0.04	315.
320.	1.30	1.12	0.73	0.75	0.37	0.20	0.04	320.
325.	1.22	1.07	0.70	0.72	0.31	0.22	0.04	325.
330.	1.17	1.00	0.64	0.60	0.44	0.17	0.03	330.
335.	1.00	0.87	0.57	0.61	0.49	0.15	0.04	335.
340.	0.87	0.75	0.52	0.56	0.27	0.14	0.04	340.
345.	1.01	0.74	0.51	0.55	0.22	0.13	0.04	345.
350.	1.34	1.09	0.67	0.69	0.25	0.18	0.06	350.
355.	1.12	1.10	0.73	0.60	0.20	0.10	0.07	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CNT# NO. 104 TCN= 25. C.R.= 22.1

DIFFERENTIAL PRESSURES

SPAN STATION 100.5

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.050	2.000	4.350	7.150	10.400	DEG.
0.	3.55	0.50	0.19	0.20	0.20	0.01	-0.03	0.
5.	-3.52	-0.02	-0.30	-0.05	0.02	-0.30	-0.05	5.
10.	-0.72	-0.23	-0.44	-0.15	-0.22	-0.12	-0.34	10.
15.	-0.37	-0.11	-0.32	-0.07	0.04	-0.11	-0.05	15.
20.	0.26	0.16	-0.08	0.09	0.14	-0.08	-0.04	20.
25.	3.62	0.42	0.12	0.24	0.23	-0.02	-0.02	25.
30.	3.78	0.45	0.23	0.30	0.29	-0.05	-0.02	30.
35.	1.22	0.42	0.21	0.30	0.34	-0.08	-0.05	35.
40.	1.64	0.42	0.23	0.32	0.42	-0.12	-0.05	40.
45.	1.64	0.47	0.40	0.41	0.44	-0.12	-0.22	45.
50.	1.55	0.46	1.21	0.64	0.53	-0.15	-0.33	50.
55.	1.50	0.40	1.53	1.02	0.55	-0.20	-0.40	55.
60.	1.53	0.40	1.45	1.52	0.47	-0.28	-0.04	60.
65.	1.30	0.68	1.26	1.63	0.41	-0.37	-0.04	65.
70.	1.02	0.50	1.10	1.35	1.34	-0.44	-0.05	70.
75.	0.45	0.30	0.99	0.57	1.74	-0.53	-0.04	75.
80.	0.40	-0.05	0.87	-0.13	1.03	-0.53	-0.08	80.
85.	-0.45	-0.70	0.56	-0.40	0.23	-0.41	-0.04	85.
90.	-1.20	-1.39	0.41	-0.42	-0.52	-0.23	0.04	90.
95.	-1.75	-1.79	-0.40	-1.31	-0.77	0.01	0.00	95.
100.	-1.99	-2.01	-0.57	-1.49	-2.20	0.10	0.09	100.
105.	-2.21	-2.11	-0.70	-1.54	-3.00	0.25	0.11	105.
110.	-2.39	-2.24	-0.91	-1.73	-3.25	0.17	0.09	110.
115.	-2.50	-2.34	-1.22	-2.05	-3.15	-0.01	0.09	115.
120.	-2.75	-2.42	-1.62	-2.50	-2.80	-0.19	0.07	120.
125.	-2.67	-2.91	-2.62	-2.91	-1.31	-0.32	0.65	125.
130.	-2.94	-2.50	-2.23	-3.62	-0.19	-0.43	0.81	130.
135.	-2.43	-2.59	-2.20	-2.05	-0.74	-0.55	-0.32	135.
140.	-2.42	-2.51	-2.37	-1.52	-0.12	-0.44	-0.04	140.
145.	-2.57	-2.53	-2.24	-0.85	-0.22	-0.44	-0.02	145.
150.	-2.25	-2.00	-1.87	-0.80	-0.35	-0.37	-0.65	150.
155.	-1.90	-1.76	-1.55	-0.70	-0.30	-0.30	-0.82	155.
160.	-1.57	-1.39	-1.23	-0.67	-0.22	-0.25	-0.80	160.
165.	-1.24	-1.02	-0.92	-0.4	0.12	-0.19	0.22	165.
170.	-0.91	-0.69	-0.64	-0.24	-0.04	-0.14	0.01	170.
175.	-0.50	-0.44	-0.42	-0.14	0.02	-0.09	0.09	175.
180.	-0.26	-0.25	-0.22	-0.01	0.07	-0.52	0.01	180.
185.	0.07	-0.04	-0.04	0.12	0.12	0.03	0.31	185.
190.	0.25	0.21	0.16	0.23	0.14	0.05	0.31	190.
195.	0.40	0.41	0.12	0.31	0.19	0.04	-0.80	195.
200.	0.44	0.44	0.16	0.34	0.20	0.08	-0.00	200.
205.	0.44	0.42	0.19	0.35	0.20	0.19	-0.00	205.
210.	0.37	0.43	0.21	0.35	0.20	0.11	-0.00	210.
215.	0.29	0.45	0.23	0.37	0.20	0.11	0.30	215.
220.	0.21	0.44	0.24	0.39	0.20	0.12	0.30	220.
225.	0.19	0.40	0.25	0.40	0.20	0.11	0.09	225.
230.	0.20	0.51	0.26	0.41	0.19	0.19	0.01	230.
235.	0.24	0.55	0.27	0.43	0.19	0.21	0.01	235.
240.	0.20	0.59	0.28	0.44	0.19	0.21	0.01	240.
245.	0.34	0.64	0.30	0.47	0.19	0.22	0.31	245.
250.	0.40	0.69	0.32	0.51	0.19	0.22	0.01	250.
255.	0.44	0.72	0.34	0.54	0.20	0.23	0.30	255.
260.	0.53	0.76	0.36	0.56	0.22	0.25	0.00	260.
265.	0.40	0.79	0.39	0.57	0.20	0.20	0.01	265.
270.	0.60	0.83	0.43	0.59	0.24	0.27	0.02	270.
275.	0.77	0.87	0.47	0.60	0.28	0.28	0.03	275.
280.	0.87	0.91	0.51	0.61	0.30	0.29	0.03	280.
285.	0.94	0.96	0.56	0.62	0.32	0.29	0.02	285.
290.	1.07	1.01	0.59	0.64	0.34	0.29	0.02	290.
295.	1.10	1.07	0.63	0.69	0.35	0.29	0.02	295.
300.	1.24	1.12	0.64	0.71	0.37	0.29	0.02	300.
305.	1.31	1.17	0.68	0.74	0.37	0.29	0.31	305.
310.	1.31	1.27	0.69	0.75	0.38	0.29	0.00	310.
315.	1.29	1.20	0.68	0.74	0.39	0.28	0.00	315.
320.	1.36	1.20	0.67	0.71	0.41	0.27	0.00	320.
325.	1.27	1.17	0.67	0.69	0.41	0.26	-0.00	325.
330.	1.10	1.10	0.60	0.64	0.34	0.24	-0.31	330.
335.	0.87	0.91	0.40	0.56	0.30	0.21	-0.31	335.
340.	0.60	0.78	0.41	0.40	0.20	0.19	-0.22	340.
345.	0.81	0.76	0.37	0.45	0.33	0.16	-0.02	345.
350.	1.24	1.04	0.37	0.44	0.32	0.13	-0.00	350.
355.	1.30	1.17	0.55	0.62	0.35	0.11	-0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CMTX NO. 204 TCN= 26. C.R.= 11.0

DIFFERENTIAL PRESSURES

SPAN STATION 32.5					
AZ	CHORD STATION				AZ
DEG. 0.435	1.950	4.550	10.400	DEG.	
0.	-0.00	-0.41	-0.29	0.03	0.
5.	-0.00	-0.22	-0.17	0.14	5.
10.	-0.74	-0.21	-0.02	0.09	10.
15.	-0.04	-0.40	-0.10	0.30	15.
20.	-0.02	-0.30	-0.11	0.07	20.
25.	-0.27	-0.10	-0.04	0.07	25.
30.	-0.06	-0.29	-0.07	0.03	30.
35.	-0.09	-0.40	-0.22	-0.02	35.
40.	-1.04	-0.52	-0.24	0.02	40.
45.	-0.05	-0.41	-0.19	0.02	45.
50.	-0.54	-0.24	-0.09	0.03	50.
55.	-0.23	-0.52	0.20	0.04	55.
60.	-0.04	0.05	0.05	0.03	60.
65.	0.23	0.69	0.07	0.01	65.
70.	-0.00	0.04	0.09	0.01	70.
75.	-0.07	-0.05	0.02	0.01	75.
80.	-0.11	-0.00	0.01	0.00	80.
85.	-2.07	-0.07	0.01	-0.00	85.
90.	0.00	-0.02	0.05	0.00	90.
95.	0.23	0.06	0.09	0.02	95.
100.	0.40	0.16	0.15	0.05	100.
105.	0.50	0.27	0.22	0.04	105.
110.	0.74	0.39	0.30	0.07	110.
115.	0.04	0.50	0.35	0.07	115.
120.	1.10	0.60	0.40	0.00	120.
125.	1.25	0.69	0.44	0.10	125.
130.	1.30	0.74	0.47	0.10	130.
135.	1.47	0.76	0.40	0.11	135.
140.	1.53	0.75	0.49	0.11	140.
145.	1.50	0.75	0.40	0.11	145.
150.	1.54	0.75	0.40	0.10	150.
155.	1.54	0.70	0.44	0.11	155.
160.	1.49	0.40	0.41	0.10	160.
165.	1.40	0.62	0.37	0.00	165.
170.	1.20	0.55	0.32	0.00	170.
175.	1.11	0.47	0.20	0.04	175.
180.	0.05	0.34	0.19	0.03	180.
185.	0.54	0.19	0.12	0.02	185.
190.	0.27	0.04	0.04	0.01	190.
195.	0.03	-0.10	-0.05	0.00	195.
200.	-0.14	-0.23	-0.13	-0.00	200.
205.	-0.20	-0.32	-0.21	-0.01	205.
210.	-0.37	-0.34	-0.24	-0.01	210.
215.	-0.42	-0.34	-0.20	-0.01	215.
220.	-0.44	-0.30	-0.20	-0.03	220.
225.	-0.44	-0.20	-0.25	-0.05	225.
230.	-0.41	-0.24	-0.24	-0.07	230.
235.	-0.39	-0.25	-0.23	-0.09	235.
240.	-0.34	-0.22	-0.21	-0.10	240.
245.	-0.35	-0.20	-0.20	-0.10	245.
250.	-0.35	-0.19	-0.19	-0.11	250.
255.	-0.35	-0.10	-0.19	-0.11	255.
260.	-0.35	-0.17	-0.10	-0.11	260.
265.	-0.35	-0.10	-0.10	-0.11	265.
270.	-0.34	-0.15	-0.17	-0.11	270.
275.	-0.34	-0.14	-0.16	-0.11	275.
280.	-0.34	-0.13	-0.16	-0.11	280.
285.	-0.34	-0.12	-0.15	-0.12	285.
290.	-0.34	-0.11	-0.14	-0.14	290.
295.	-0.34	-0.10	-0.13	-0.10	295.
300.	-0.37	-0.15	-0.11	-0.14	300.
305.	-0.30	-0.00	-0.00	-0.15	305.
310.	-0.39	-0.00	-0.07	-0.14	310.
315.	-0.39	-0.05	-0.00	-0.11	315.
320.	-0.39	-0.05	-0.05	-0.07	320.
325.	-0.35	-0.07	-0.09	-0.02	325.
330.	-0.32	-0.12	-0.00	0.03	330.
335.	-0.49	-0.16	-0.04	0.09	335.
340.	-0.44	-0.17	-0.04	0.04	340.
345.	-0.71	-0.33	-0.14	0.02	345.
350.	-0.72	-0.40	-0.23	0.04	350.
355.	-0.75	-0.20	-0.27	0.20	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CTR NO. 264 TCN-26. C.R.-11.0

DIFFERENTIAL PRESSURES

SPAN STATION 79.0								
AZ	CHORD STATION							AZ
DEG.	0.495	1.040	1.930	2.900	4.350	7.150	10.400	DEG.
0.	-1.65	-1.18	-0.85	-0.60	-0.45	-0.16	-0.03	0.
5.	-2.30	-1.73	-1.16	-0.80	-0.52	-0.23	-0.08	5.
10.	-1.70	-1.33	-0.79	-0.51	-0.27	-0.08	0.03	10.
15.	-0.85	-0.61	-0.34	-0.20	-0.04	0.10	0.16	15.
20.	-0.09	-0.72	-0.52	-0.32	-0.16	0.01	0.09	20.
25.	-1.24	-0.97	-0.74	-0.54	-0.29	-0.11	-0.02	25.
30.	-1.17	-0.91	-0.67	-0.38	-0.27	-0.17	-0.08	30.
35.	-0.82	-0.69	-0.54	-0.28	-0.16	-0.15	-0.03	35.
40.	-0.69	-0.55	-0.40	-0.23	-0.08	-0.15	-0.02	40.
45.	-0.59	-0.44	-0.43	-0.18	-0.03	-0.12	0.01	45.
50.	-0.44	-0.31	-0.33	-0.12	-0.02	-0.10	0.01	50.
55.	-0.17	-0.10	-0.23	-0.07	-0.02	-0.10	-0.00	55.
60.	-0.05	-0.10	-0.22	-0.07	-0.04	-0.11	-0.02	60.
65.	0.00	-0.10	-0.24	-0.10	-0.05	-0.14	-0.03	65.
70.	0.01	-0.12	-0.28	-0.10	-0.05	-0.17	-0.04	70.
75.	-0.01	-0.14	-0.27	-0.09	-0.02	-0.17	-0.04	75.
80.	-0.03	-0.14	-0.24	-0.07	0.00	-0.15	-0.01	80.
85.	-0.01	-0.11	-0.19	-0.04	0.10	-0.13	-0.01	85.
90.	0.07	-0.05	-0.14	-0.02	0.15	-0.13	-0.01	90.
95.	0.20	0.05	-0.07	0.07	0.19	-0.11	0.01	95.
100.	0.40	0.19	0.00	0.16	0.25	-0.00	0.01	100.
105.	0.64	0.39	0.21	0.27	0.32	-0.01	0.03	105.
110.	0.84	0.52	0.37	0.37	0.40	0.07	0.07	110.
115.	1.22	0.94	0.59	0.46	0.67	0.07	0.00	115.
120.	1.45	1.04	0.71	0.54	0.53	0.13	0.09	120.
125.	1.64	1.26	0.83	0.67	0.54	0.17	0.12	125.
130.	1.80	1.38	0.91	0.64	0.61	0.20	0.13	130.
135.	1.90	1.44	0.94	0.64	0.62	0.21	0.12	135.
140.	1.95	1.50	0.97	0.63	0.61	0.20	0.11	140.
145.	1.99	1.47	0.90	0.62	0.27	0.29	0.12	145.
150.	1.83	1.40	0.71	0.59	0.31	0.18	0.11	150.
155.	1.71	1.31	0.59	0.55	0.45	0.16	0.13	155.
160.	1.63	1.24	0.61	0.53	0.42	0.17	0.12	160.
165.	1.76	1.32	0.69	0.53	0.44	0.20	0.11	165.
170.	1.90	1.41	0.90	0.64	0.50	0.24	0.13	170.
175.	2.00	1.44	1.05	0.66	0.52	0.27	0.14	175.
180.	1.90	1.30	0.83	0.66	0.40	0.20	0.14	180.
185.	1.61	1.22	0.93	0.55	0.38	0.26	0.13	185.
190.	1.23	0.95	0.72	0.40	0.24	0.22	0.10	190.
195.	0.82	0.62	0.45	0.24	0.10	0.17	0.07	195.
200.	0.42	0.24	0.21	0.10	-0.04	0.10	0.03	200.
205.	0.04	0.00	0.04	-0.03	-0.13	0.24	0.01	205.
210.	-0.26	-0.13	-0.08	-0.12	-0.18	-0.01	-0.01	210.
215.	-0.67	-0.28	-0.17	-0.17	-0.03	-0.01	-0.01	215.
220.	-0.90	-0.39	-0.22	-0.71	-0.22	-0.34	-0.02	220.
225.	-0.49	-0.47	-0.25	-0.23	-0.24	-0.05	-0.03	225.
230.	-0.57	-0.31	-0.27	-0.25	-0.26	-0.04	-0.04	230.
235.	-0.64	-0.32	-0.27	-0.22	-0.27	-0.07	-0.02	235.
240.	-0.68	-0.30	-0.27	-0.23	-0.27	-0.07	-0.00	240.
245.	-0.64	-0.47	-0.25	-0.24	-0.27	-0.06	-0.07	245.
250.	-0.62	-0.42	-0.23	-0.24	-0.27	-0.06	-0.07	250.
255.	-0.60	-0.40	-0.21	-0.23	-0.27	-0.06	-0.00	255.
260.	-0.59	-0.39	-0.19	-0.22	-0.26	-0.04	-0.09	260.
265.	-0.59	-0.39	-0.17	-0.21	-0.29	-0.20	-0.11	265.
270.	-0.59	-0.39	-0.16	-0.20	-0.25	-0.07	-0.11	270.
275.	-0.59	-0.39	-0.16	-0.19	-0.25	-0.06	-0.11	275.
280.	-0.59	-0.39	-0.17	-0.17	-0.24	-0.06	-0.10	280.
285.	-0.50	-0.39	-0.18	-0.16	-0.24	-0.06	-0.13	285.
290.	-0.52	-0.39	-0.19	-0.16	-0.24	-0.05	-0.19	290.
295.	-0.52	-0.30	-0.18	-0.15	-0.24	-0.03	-0.22	295.
300.	-0.64	-0.30	-0.18	-0.15	-0.23	-0.01	-0.20	300.
305.	-0.65	-0.30	-0.18	-0.15	-0.22	0.01	-0.15	305.
310.	-0.64	-0.38	-0.19	-0.15	-0.20	0.00	-0.09	310.
315.	-0.64	-0.38	-0.20	-0.14	-0.19	-0.01	-0.07	315.
320.	-0.64	-0.30	-0.23	-0.13	-0.17	0.01	-0.09	320.
325.	-0.60	-0.30	-0.29	-0.15	-0.15	0.01	-0.03	325.
330.	-0.65	-0.43	-0.32	-0.18	-0.17	0.01	0.03	330.
335.	-0.75	-0.50	-0.34	-0.27	-0.23	-0.00	0.01	335.
340.	-0.60	-0.47	-0.29	-0.25	-0.24	0.01	0.01	340.
345.	-0.61	-0.40	-0.26	-0.22	-0.21	-0.01	0.02	345.
350.	-1.03	-0.80	-0.37	-0.31	-0.30	-0.03	0.02	350.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-404 CNTR NO. 264 TCM= 26. C.R.= 11.0

DIFFERENTIAL PRESSURES

SPAN STATION 119.7								
AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.900	4.550	7.150	10.400	DEG.
0.	-1.01	-1.31	-0.77	-0.55	-0.49	-0.15	-0.03	0.
5.	-2.21	-1.66	-1.01	-0.88	-0.93	-0.27	-0.09	5.
10.	-2.23	-1.72	-1.09	-0.86	-0.92	-0.33	-0.14	10.
15.	-1.07	-1.52	-0.99	-0.99	-0.48	-0.32	-0.17	15.
20.	-1.26	-1.14	-0.72	-0.49	-0.28	-0.25	-0.16	20.
25.	-0.62	-0.69	-0.37	-0.23	-0.01	-0.17	-0.12	25.
30.	-0.11	-0.26	-0.06	-0.02	0.19	-0.10	-0.10	30.
35.	0.10	-0.02	-0.01	0.08	0.33	-0.09	-0.10	35.
40.	0.25	0.03	0.02	0.10	0.43	-0.07	-0.09	40.
45.	0.35	0.14	0.15	0.10	0.40	-0.03	-0.08	45.
50.	0.97	0.33	0.20	0.25	0.39	-0.05	-0.10	50.
55.	1.27	0.46	0.33	0.24	0.31	-0.39	-0.14	55.
60.	1.39	0.50	0.27	0.20	0.37	-0.11	-0.15	60.
65.	1.19	0.40	0.25	0.21	0.44	-0.11	-0.13	65.
70.	1.20	0.41	0.24	0.21	0.50	-0.11	-0.12	70.
75.	1.00	0.26	0.11	0.13	0.42	-0.15	-0.14	75.
80.	0.83	0.06	-0.07	0.01	0.31	-0.19	-0.14	80.
85.	0.45	-0.09	-0.19	-0.06	0.25	-0.15	-0.11	85.
90.	0.77	0.11	-0.11	0.32	0.29	-0.12	-0.09	90.
95.	1.04	0.36	0.05	0.14	0.37	-0.11	-0.07	95.
100.	1.37	0.63	0.22	0.27	0.44	-0.07	-0.06	100.
105.	1.64	0.88	0.37	0.39	0.49	-0.02	-0.04	105.
110.	1.00	1.09	0.50	0.47	0.53	0.01	-0.05	110.
115.	2.30	1.22	0.59	0.49	0.52	0.32	-0.04	115.
120.	1.97	1.20	0.50	0.40	0.42	-0.02	-0.03	120.
125.	1.41	0.71	0.20	0.11	0.26	-0.06	-0.04	125.
130.	0.34	-0.09	-0.21	-0.17	0.10	-0.06	-0.02	130.
135.	-0.23	-0.33	-0.42	-0.21	0.03	-0.04	-0.02	135.
140.	-0.03	-0.17	-0.30	-0.14	0.00	-0.07	-0.03	140.
145.	0.15	-0.25	-0.22	-0.12	-0.01	-0.09	-0.03	145.
150.	0.13	-0.04	-0.10	-0.10	-0.01	-0.06	-0.00	150.
155.	0.17	0.05	-0.08	-0.07	0.02	0.01	0.02	155.
160.	0.34	0.23	0.07	0.00	0.05	0.04	0.02	160.
165.	0.56	0.43	0.23	0.10	0.11	0.12	0.05	165.
170.	0.77	0.65	0.30	0.20	0.17	0.14	0.09	170.
175.	0.95	0.84	0.51	0.36	0.23	0.19	0.12	175.
180.	1.06	0.96	0.61	0.41	0.25	0.23	0.14	180.
185.	1.06	0.99	0.67	0.39	0.22	0.27	0.15	185.
190.	0.93	0.92	0.65	0.34	0.17	0.29	0.14	190.
195.	0.72	0.77	0.56	0.27	0.10	0.25	0.13	195.
200.	0.49	0.59	0.42	0.20	0.02	0.20	0.10	200.
205.	0.25	0.39	0.31	0.13	-0.00	0.15	0.09	205.
210.	0.01	0.21	0.20	0.06	-0.13	0.12	0.07	210.
215.	-0.19	0.00	0.10	0.01	-0.16	0.10	0.07	215.
220.	-0.34	0.01	0.05	-0.02	-0.10	0.09	0.08	220.
225.	-0.45	-0.04	0.02	-0.04	-0.19	0.08	0.06	225.
230.	-0.54	-0.11	0.00	-0.06	-0.22	0.07	0.06	230.
235.	-0.66	-0.17	-0.02	-0.07	-0.24	0.07	0.07	235.
240.	-0.65	-0.21	-0.04	-0.09	-0.26	0.06	0.06	240.
245.	-0.69	-0.23	-0.05	-0.10	-0.27	0.04	0.05	245.
250.	-0.71	-0.24	-0.07	-0.11	-0.28	0.04	0.05	250.
255.	-0.73	-0.24	-0.08	-0.11	-0.28	0.04	0.06	255.
260.	-0.73	-0.24	-0.08	-0.11	-0.27	0.04	0.06	260.
265.	-0.75	-0.24	-0.08	-0.11	-0.26	0.04	0.07	265.
270.	-0.74	-0.24	-0.08	-0.10	-0.25	0.04	0.07	270.
275.	-0.75	-0.24	-0.08	-0.09	-0.24	0.04	0.07	275.
280.	-0.75	-0.24	-0.08	-0.09	-0.23	0.07	0.08	280.
285.	-0.75	-0.25	-0.08	-0.08	-0.22	0.07	0.08	285.
290.	-0.75	-0.25	-0.08	-0.08	-0.22	0.07	0.08	290.
295.	-0.74	-0.25	-0.08	-0.08	-0.22	0.06	0.07	295.
300.	-0.75	-0.26	-0.09	-0.08	-0.23	0.06	0.06	300.
305.	-0.78	-0.28	-0.09	-0.08	-0.23	0.06	0.05	305.
310.	-0.79	-0.30	-0.10	-0.07	-0.23	0.05	0.04	310.
315.	-0.80	-0.31	-0.10	-0.07	-0.23	0.05	0.05	315.
320.	-0.79	-0.32	-0.10	-0.07	-0.23	0.04	0.05	320.
325.	-0.76	-0.31	-0.09	-0.06	-0.22	0.03	0.05	325.
330.	-0.71	-0.29	-0.06	-0.05	-0.22	0.02	0.03	330.
335.	-0.64	-0.27	-0.07	-0.04	-0.21	0.02	0.02	335.
340.	-0.53	-0.24	-0.04	-0.04	-0.20	0.02	0.01	340.
345.	-0.47	-0.21	-0.01	-0.02	-0.20	0.01	0.01	345.
350.	-0.63	-0.33	-0.10	-0.04	-0.21	-0.01	-0.00	350.
355.	-1.07	-0.68	-0.20	-0.15	-0.20	-0.07	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CTR NO. 264 TCM- 26. C.R.- 11.0

DIFFERENTIAL PRESSURES

SPAN STATION 153.3								
CHORD STATION								
AZ	3.455	1.040	1.050	2.490	4.550	7.150	10.400	AZ
DEG.								DEG.
3.	-0.77	-0.63	-0.37	-0.50	-0.29	-0.06	-0.00	0.
5.	-0.20	-0.26	-0.22	-0.33	-0.21	-0.12	-0.02	5.
10.	-0.11	-0.29	-0.30	-0.31	-0.20	-0.10	-0.02	10.
15.	-0.61	-0.63	-0.55	-0.40	-0.26	-0.13	-0.02	15.
20.	-0.63	-0.66	-0.58	-0.33	-0.24	-0.17	-0.04	20.
25.	-0.10	-0.20	-0.34	-0.11	-0.22	-0.11	-0.01	25.
30.	0.54	0.19	-0.01	0.17	0.09	-0.04	-0.02	30.
35.	1.07	0.64	0.24	0.44	0.24	0.02	0.34	35.
40.	1.43	0.99	0.44	0.61	0.34	0.05	0.03	40.
45.	1.74	1.14	0.50	0.71	0.39	0.00	0.00	45.
50.	1.91	1.20	0.53	0.82	0.44	-0.22	-0.00	50.
55.	1.89	1.41	0.61	0.92	0.22	-0.01	0.01	55.
60.	1.75	1.40	0.65	1.02	0.59	0.02	0.03	60.
65.	1.51	1.30	0.62	1.04	0.59	-0.03	0.00	65.
70.	1.20	1.11	0.48	0.95	0.51	-0.11	-0.04	70.
75.	0.86	0.86	0.24	0.92	0.46	-0.15	-0.06	75.
80.	0.64	0.70	0.02	0.97	0.47	-0.17	-0.06	80.
85.	0.51	0.62	-0.11	0.95	0.20	-0.23	-0.00	85.
90.	0.51	0.65	-0.15	0.84	0.35	-0.29	-0.09	90.
95.	0.62	0.80	-0.07	1.00	0.34	-0.32	-0.09	95.
100.	1.01	1.12	0.10	0.91	0.21	-0.24	-0.07	100.
105.	0.20	0.67	-0.35	0.20	0.07	-0.23	-0.06	105.
110.	-0.01	-0.17	-1.12	-0.00	-0.02	-0.25	-0.07	110.
115.	-1.17	-0.52	-1.34	-0.12	-0.09	-0.30	-0.10	115.
120.	-1.11	-0.52	-1.37	-0.10	-0.13	-0.33	-0.13	120.
125.	-1.20	-0.60	-1.30	-0.24	-0.20	-0.33	-0.12	125.
130.	-1.51	-0.80	-1.24	-0.33	-0.24	-0.33	-0.14	130.
135.	-1.70	-1.07	-1.22	-0.40	-0.28	-0.35	-0.15	135.
140.	-1.82	-1.16	-1.19	-0.45	-0.27	-0.33	-0.15	140.
145.	-1.83	-1.19	-1.60	-0.50	-0.24	-0.30	-0.16	145.
150.	-1.76	-1.21	-0.89	-0.43	-0.23	-0.25	-0.12	150.
155.	-1.57	-1.11	-0.79	-0.32	-0.22	-0.21	-0.10	155.
160.	-1.27	-0.88	-0.50	-0.21	-0.14	-0.15	-0.09	160.
165.	-0.92	-0.52	-0.29	-0.10	-0.01	-0.07	-0.07	165.
170.	-0.53	-0.07	-0.07	-0.01	0.15	0.01	-0.02	170.
175.	-0.15	0.25	0.13	0.09	0.29	0.27	0.02	175.
180.	0.10	0.31	0.32	0.16	0.35	0.12	0.31	180.
185.	0.45	0.33	0.44	0.21	0.30	0.14	0.01	185.
190.	0.59	0.36	0.57	0.21	0.21	0.15	0.02	190.
195.	0.64	0.36	0.62	0.17	0.15	0.17	0.03	195.
200.	0.63	0.32	0.62	0.12	0.10	0.19	0.03	200.
205.	0.57	0.26	0.52	0.08	0.04	0.19	0.23	205.
210.	0.47	0.20	0.53	0.04	0.02	0.10	0.35	210.
215.	0.34	0.14	0.45	-0.01	-0.01	0.10	0.05	215.
220.	0.24	0.07	0.40	-0.09	-0.04	0.17	0.05	220.
225.	0.16	-0.01	0.37	-0.16	-0.07	0.17	0.05	225.
230.	0.10	-0.07	0.35	-0.20	-0.09	0.10	0.05	230.
235.	0.05	-0.09	0.34	-0.22	-0.11	0.10	0.05	235.
240.	0.02	-0.10	0.33	-0.23	-0.12	0.17	0.04	240.
245.	-0.02	-0.13	0.32	-0.25	-0.13	0.14	0.04	245.
250.	-0.05	-0.15	0.31	-0.27	-0.14	0.10	0.05	250.
255.	-0.08	-0.18	0.31	-0.30	-0.16	0.10	0.05	255.
260.	-0.10	-0.21	0.31	-0.31	-0.17	0.10	0.06	260.
265.	-0.11	-0.21	0.30	-0.32	-0.17	0.10	0.06	265.
270.	-0.11	-0.21	0.29	-0.33	-0.18	0.10	0.07	270.
275.	-0.11	-0.20	0.28	-0.33	-0.18	0.10	0.07	275.
280.	-0.10	-0.19	0.28	-0.33	-0.17	0.10	0.08	280.
285.	-0.09	-0.19	0.27	-0.32	-0.17	0.20	0.09	285.
290.	-0.07	-0.19	0.26	-0.31	-0.16	0.21	0.10	290.
295.	-0.05	-0.18	0.26	-0.30	-0.14	0.21	0.10	295.
300.	-0.02	-0.14	0.30	-0.29	-0.13	0.21	0.13	300.
305.	0.02	-0.10	0.31	-0.28	-0.12	0.20	0.10	305.
310.	0.05	-0.07	0.32	-0.28	-0.12	0.19	0.09	310.
315.	0.08	-0.05	0.31	-0.27	-0.12	0.18	0.09	315.
320.	0.12	-0.04	0.28	-0.24	-0.14	0.14	0.07	320.
325.	0.10	-0.11	0.23	-0.29	-0.15	0.14	0.06	325.
330.	-0.09	-0.23	0.15	-0.32	-0.19	0.11	0.06	330.
335.	-0.34	-0.36	0.02	-0.40	-0.23	0.07	0.04	335.
340.	-0.44	-0.45	-0.10	-0.40	-0.27	0.02	0.02	340.
345.	-0.36	-0.43	-0.15	-0.40	-0.26	0.00	0.01	345.
350.	-0.14	-0.26	-0.04	-0.34	-0.22	0.02	0.02	350.
355.	-0.00	-0.20	-0.03	-0.37	-0.18	0.02	0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CNTR NO. 204 TEN= 20. C.R.= 11.0

DIFFERENTIAL PRESSURES

SPAN STATION 170.5								
CHORD STATION								
AZ	0.455	1.040	1.950	2.900	4.500	7.150	10.400	AZ
DEG.								DEG.
0.	-0.72	-0.22	-0.33	-0.04	-0.27	-0.13	-0.04	0.
5.	-0.43	-0.02	-0.67	0.04	-0.11	-0.04	-0.04	5.
10.	-0.53	-0.17	-0.02	0.00	-0.01	-0.33	-0.04	10.
15.	-0.41	-0.13	-0.07	0.00	-0.03	-0.01	-0.03	15.
20.	-0.30	-0.10	-0.14	0.07	-0.02	0.01	-0.04	20.
25.	-0.15	-0.03	-0.00	0.10	0.10	0.21	-0.01	25.
30.	0.34	0.37	0.16	0.32	0.20	0.05	0.02	30.
35.	1.01	0.73	0.37	0.44	0.44	0.09	0.04	35.
40.	1.20	0.03	0.30	0.40	0.54	0.14	0.04	40.
45.	1.32	0.01	0.43	0.32	0.64	0.10	0.03	45.
50.	1.40	1.05	0.46	0.34	0.00	0.22	0.03	50.
55.	1.36	0.00	0.53	0.02	0.00	0.22	0.04	55.
60.	1.22	0.70	0.36	1.02	0.05	0.10	0.02	60.
65.	1.04	0.42	0.66	1.09	1.05	0.13	0.00	65.
70.	0.05	0.21	0.64	0.03	1.20	-0.30	-0.03	70.
75.	0.67	0.22	0.63	0.31	1.41	-0.25	-0.03	75.
80.	0.57	0.20	0.70	0.34	0.00	-0.39	-0.06	80.
85.	0.41	-0.03	0.22	0.34	0.04	-0.39	-0.06	85.
90.	-0.11	-0.64	-0.60	0.14	0.31	-0.54	-0.04	90.
95.	-0.00	-1.61	-1.21	-0.21	-0.22	-0.62	0.03	95.
100.	-1.34	-2.40	-1.48	-0.42	-0.50	-1.04	0.11	100.
105.	-1.50	-2.47	-1.45	-0.44	-0.41	-0.91	0.13	105.
110.	-1.15	-2.25	-1.32	-0.40	-0.19	-0.51	0.10	110.
115.	-1.00	-1.90	-1.33	-0.22	-0.30	-0.12	0.07	115.
120.	-1.14	-2.07	-1.44	-0.34	-1.35	0.16	0.04	120.
125.	-1.02	-2.22	-1.59	-0.77	-1.20	0.20	0.01	125.
130.	-1.06	-2.47	-1.70	-1.00	-2.04	0.12	-0.02	130.
135.	-2.32	-2.03	-2.12	-2.50	-0.52	-0.09	-0.04	135.
140.	-2.69	-3.39	-2.51	-2.20	0.01	-0.26	-0.03	140.
145.	-2.57	-3.60	-2.72	-1.44	-0.43	-0.36	-0.03	145.
150.	-2.42	-3.40	-2.55	-1.00	-0.63	-0.33	-0.03	150.
155.	-2.50	-2.75	-1.97	-1.07	-0.63	-0.28	-0.04	155.
160.	-2.19	-2.07	-1.51	-0.97	-0.54	-0.25	-0.03	160.
165.	-1.71	-1.47	-1.13	-0.70	-0.50	-0.20	-0.02	165.
170.	-1.10	-0.90	-0.79	-0.57	-0.22	-0.13	-0.00	170.
175.	-0.60	-0.50	-0.50	-0.30	-0.11	-0.00	0.01	175.
180.	-0.17	-0.07	-0.21	-0.21	-0.02	0.00	0.02	180.
185.	0.10	0.20	0.04	-0.05	0.06	0.25	0.03	185.
190.	0.40	0.53	0.24	0.04	0.11	0.16	0.03	190.
195.	0.64	0.72	0.44	0.10	0.14	0.13	0.03	195.
200.	0.73	0.07	0.36	0.13	0.14	0.15	0.03	200.
205.	0.73	0.30	0.63	0.10	0.13	0.15	0.02	205.
210.	0.75	1.01	0.67	0.10	0.11	0.15	0.02	210.
215.	0.72	1.03	0.70	0.19	0.00	0.14	0.01	215.
220.	0.67	1.05	0.73	0.20	0.07	0.15	0.01	220.
225.	0.62	1.01	0.73	0.21	0.07	0.15	0.01	225.
230.	0.62	0.99	0.76	0.22	0.06	0.16	0.01	230.
235.	0.62	1.00	0.77	0.23	0.09	0.17	0.00	235.
240.	0.63	1.02	0.78	0.25	0.06	0.18	0.00	240.
245.	0.65	1.04	0.78	0.27	0.05	0.19	0.00	245.
250.	0.66	1.06	0.78	0.28	0.06	0.19	-0.00	250.
255.	0.69	1.08	0.79	0.29	0.06	0.19	-0.00	255.
260.	0.71	1.09	0.79	0.29	0.03	0.19	-0.00	260.
265.	0.71	1.10	0.80	0.29	0.03	0.19	-0.01	265.
270.	0.72	1.11	0.80	0.29	0.03	0.19	-0.01	270.
275.	0.72	1.12	0.81	0.30	0.04	0.20	-0.01	275.
280.	0.73	1.13	0.81	0.30	0.05	0.21	-0.01	280.
285.	0.73	1.14	0.82	0.31	0.06	0.21	-0.01	285.
290.	0.74	1.17	0.83	0.32	0.07	0.22	-0.00	290.
295.	0.75	1.19	0.83	0.34	0.09	0.22	-0.00	295.
300.	0.76	1.22	0.84	0.35	0.09	0.22	-0.00	300.
305.	0.77	1.23	0.84	0.37	0.11	0.22	0.00	305.
310.	0.79	1.23	0.84	0.38	0.12	0.22	0.01	310.
315.	0.81	1.21	0.83	0.40	0.12	0.21	0.01	315.
320.	0.85	1.17	0.82	0.41	0.13	0.19	0.00	320.
325.	0.92	1.12	0.81	0.42	0.15	0.17	-0.00	325.
330.	0.90	1.04	0.77	0.40	0.13	0.15	-0.01	330.
335.	0.82	0.94	0.60	0.37	0.10	0.12	-0.01	335.
340.	0.34	0.70	0.49	0.32	0.02	0.09	-0.02	340.
345.	0.01	0.53	0.29	0.22	-0.07	0.03	-0.04	345.
350.	-0.32	0.25	0.13	0.11	-0.12	-0.03	-0.06	350.
355.	-0.51	-0.03	-0.03	-0.02	-0.10	-0.00	-0.00	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CNTR NO. 264 TCN= 26. C.R.= 11.8

DIFFERENTIAL PRESSURES

SPAN STATION 109.0								
CHORD STATION								
AZ	0.455	1.440	1.950	2.990	4.950	7.150	10.400	AZ
DEG.								DEG.
0.	-0.99	-0.07	-0.04	-0.10	-0.09	0.00	-0.02	0.
5.	-0.17	-0.16	0.11	0.11	0.00	0.14	0.11	5.
10.	0.07	-0.19	0.09	0.21	0.20	0.16	0.02	10.
15.	-0.20	-0.44	-0.32	0.05	0.17	0.09	-0.00	15.
20.	-0.22	-0.40	-0.34	0.01	0.16	0.09	0.01	20.
25.	0.17	-0.19	-0.21	0.17	0.27	0.17	0.23	25.
30.	0.00	0.53	0.06	0.73	0.44	0.23	0.00	30.
35.	1.01	0.74	0.39	0.44	0.61	0.24	0.36	35.
40.	1.20	0.74	0.74	0.45	0.84	0.20	0.07	40.
45.	1.00	0.90	1.19	0.40	1.00	0.20	0.04	45.
50.	1.02	1.11	1.34	0.67	1.25	0.24	0.07	50.
55.	1.50	1.01	1.05	0.95	1.23	0.10	0.03	55.
60.	1.40	0.83	1.30	0.77	1.70	0.07	-0.02	60.
65.	1.13	0.69	1.34	0.32	1.70	-0.07	-0.05	65.
70.	0.95	0.56	1.05	-0.03	1.02	-0.22	-0.10	70.
75.	0.74	0.56	1.06	-0.09	0.70	-0.34	-0.11	75.
80.	0.43	0.30	1.40	-0.00	0.73	-0.62	-0.11	80.
85.	-0.30	-0.30	0.00	-0.15	0.24	-1.40	-0.03	85.
90.	-0.60	-1.10	0.33	-0.35	-0.34	-2.00	0.07	90.
95.	-1.40	-1.55	-0.05	-0.95	-0.77	-2.40	0.05	95.
100.	-1.45	-1.67	-0.15	-0.95	-0.75	-1.27	-0.04	100.
105.	-1.27	-1.62	-0.10	-0.60	-0.65	-0.94	0.01	105.
110.	-1.22	-1.65	-0.10	-0.79	-0.61	-0.06	0.13	110.
115.	-1.20	-1.69	-0.40	-0.75	-0.60	-1.03	0.25	115.
120.	-1.50	-1.74	-0.75	-0.75	-0.62	-0.60	0.29	120.
125.	-1.50	-1.87	-1.04	-1.04	-1.00	-0.49	0.22	125.
130.	-1.00	-2.20	-1.44	-1.75	-3.00	0.20	0.11	130.
135.	-2.37	-2.55	-1.05	-2.51	-2.93	0.34	0.02	135.
140.	-2.00	-2.07	-2.34	-3.00	-1.10	0.17	-0.05	140.
145.	-3.20	-2.10	-2.70	-3.23	-0.21	-0.10	-0.10	145.
150.	-3.40	-3.10	-2.77	-2.00	-0.34	-0.22	-0.11	150.
155.	-3.22	-2.76	-2.44	-2.33	-0.35	-0.16	-0.10	155.
160.	-2.62	-2.15	-1.90	-1.62	-0.33	-0.00	-0.07	160.
165.	-2.30	-1.95	-1.30	-0.95	-0.40	-0.00	-0.00	165.
170.	-1.69	-0.90	-1.17	-0.40	-0.24	0.07	-0.07	170.
175.	-1.02	-0.47	-0.79	-0.22	-0.10	0.14	-0.05	175.
180.	-0.94	-0.10	-0.40	-0.01	-0.05	0.10	-0.03	180.
185.	-0.12	0.20	-0.24	0.17	0.22	0.23	-0.03	185.
190.	0.22	0.44	-0.04	0.36	0.37	0.27	-0.03	190.
195.	0.44	0.60	0.11	0.40	0.00	0.20	-0.03	195.
200.	0.63	0.82	0.21	0.47	0.00	0.30	-0.04	200.
205.	0.73	0.80	0.20	0.31	0.30	0.20	-0.04	205.
210.	0.75	0.90	0.20	0.34	0.05	0.30	-0.04	210.
215.	0.73	0.90	0.27	0.34	0.04	0.30	-0.04	215.
220.	0.70	0.91	0.25	0.34	0.34	0.30	-0.05	220.
225.	0.70	0.92	0.24	0.39	0.33	0.31	-0.02	225.
230.	0.71	0.92	0.27	0.40	0.32	0.31	-0.02	230.
235.	0.72	0.92	0.28	0.42	0.30	0.32	-0.02	235.
240.	0.75	0.95	0.33	0.45	0.31	0.34	-0.02	240.
245.	0.70	0.95	0.34	0.67	0.31	0.35	-0.02	245.
250.	0.82	0.97	0.37	0.69	0.31	0.35	-0.02	250.
255.	0.84	0.99	0.37	0.70	0.31	0.35	-0.02	255.
260.	0.84	1.00	0.30	0.70	0.31	0.35	-0.02	260.
265.	0.82	1.01	0.30	0.71	0.32	0.35	-0.02	265.
270.	0.80	1.02	0.30	0.71	0.32	0.35	-0.02	270.
275.	0.82	1.03	0.30	0.71	0.33	0.36	-0.01	275.
280.	0.84	1.03	0.30	0.71	0.34	0.36	-0.01	280.
285.	0.87	1.04	0.30	0.73	0.35	0.37	-0.00	285.
290.	0.91	1.06	0.40	0.75	0.36	0.37	0.00	290.
295.	0.94	1.09	0.41	0.77	0.37	0.38	0.01	295.
300.	1.02	1.10	0.43	0.70	0.39	0.30	0.01	300.
305.	1.00	1.12	0.45	0.70	0.10	0.30	0.01	305.
310.	1.13	1.12	0.46	0.70	0.11	0.30	0.01	310.
315.	1.15	1.12	0.47	0.77	0.12	0.37	0.00	315.
320.	1.16	1.10	0.40	0.75	0.12	0.36	0.01	320.
325.	1.12	1.04	0.37	0.72	0.11	0.35	0.02	325.
330.	1.03	0.90	0.43	0.69	0.10	0.34	0.02	330.
335.	0.86	0.83	0.35	0.65	0.36	0.32	0.02	335.
340.	0.81	0.82	0.21	0.57	0.07	0.20	0.00	340.
345.	0.75	0.10	0.00	0.36	0.04	0.24	-0.02	345.
350.	-0.34	-0.25	-0.27	0.17	0.01	0.10	-0.04	350.
355.	-0.30	-0.20	-0.20	0.15	-0.00	0.12	-0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CTR NO. 264 TCN= 26. C.R.= 11.0

DIFFERENTIAL PRESSURES

SPAN STATION 199.5								
AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	-1.22	-0.60	-0.78	-0.35	-0.13	-0.03	-0.05	0.
5.	-1.42	-0.70	-0.69	-0.29	-0.03	-0.02	-0.03	5.
10.	-0.03	-0.03	-0.39	-0.00	0.04	-0.02	-0.04	10.
15.	0.09	-0.25	-0.54	-0.20	0.02	-0.00	-0.05	15.
20.	-0.13	-0.38	-0.61	-0.17	0.02	-0.11	-0.05	20.
25.	-0.01	-0.05	-0.34	0.00	0.11	-0.05	-0.02	25.
30.	0.56	0.33	-0.10	0.04	0.25	0.01	0.02	30.
35.	1.03	0.47	0.03	0.16	0.46	0.05	0.04	35.
40.	1.34	0.56	0.60	0.51	0.75	0.04	0.04	40.
45.	1.66	0.72	1.15	1.24	0.90	-0.05	0.04	45.
50.	2.03	0.86	1.48	2.06	0.88	-0.19	0.03	50.
55.	2.09	0.96	1.40	1.41	1.22	-0.33	0.02	55.
60.	1.93	0.89	1.27	0.64	1.23	-0.32	-0.04	60.
65.	1.66	0.77	1.23	0.22	0.79	-0.09	-0.14	65.
70.	1.50	0.70	1.29	0.12	0.52	-0.35	-0.14	70.
75.	1.39	0.67	1.22	0.02	0.41	-1.59	-0.04	75.
80.	0.70	-0.12	0.72	-0.41	0.21	-2.36	0.12	80.
85.	-0.22	-1.14	0.21	-0.79	-0.17	-1.60	-0.09	85.
90.	-1.15	-1.55	-0.13	-0.99	-0.46	-0.65	-0.57	90.
95.	-1.36	-1.40	-0.26	-0.92	-0.50	-0.42	-0.68	95.
100.	-1.13	-1.30	-0.25	-0.75	-0.59	0.72	-0.59	100.
105.	-0.05	-1.26	-0.26	-0.62	-0.57	1.00	-0.35	105.
110.	-0.04	-1.29	-0.20	-0.56	-0.63	0.69	0.02	110.
115.	-0.09	-1.36	-0.23	-0.62	-0.77	-0.13	0.26	115.
120.	-1.01	-1.40	-0.14	-0.77	-0.77	-1.20	0.31	120.
125.	-1.22	-1.37	-0.29	-0.86	-0.92	-1.02	0.20	125.
130.	-1.51	-1.43	-0.49	-1.43	-2.16	-0.16	0.25	130.
135.	-1.00	-1.74	-1.22	-2.40	-3.29	0.36	0.10	135.
140.	-2.39	-2.11	-1.94	-3.00	-2.10	-0.00	0.02	140.
145.	-2.09	-2.45	-2.39	-3.22	-0.82	-0.39	-0.00	145.
150.	-3.17	-2.71	-2.39	-2.13	-0.23	-0.45	-0.00	150.
155.	-3.17	-2.78	-2.39	-1.09	-0.44	-0.39	0.01	155.
160.	-2.04	-2.41	-1.99	-0.80	-0.44	-0.28	0.01	160.
165.	-2.27	-1.83	-1.51	-0.78	-0.36	-0.23	0.02	165.
170.	-1.69	-1.25	-1.11	-0.54	-0.23	-0.16	0.03	170.
175.	-1.16	-0.70	-0.74	-0.29	-0.19	-0.05	0.02	175.
180.	-0.65	-0.34	-0.41	-0.05	0.02	0.06	0.04	180.
185.	-0.18	-0.03	-0.15	0.13	0.13	0.11	0.04	185.
190.	0.23	0.22	0.05	0.28	0.19	0.14	0.05	190.
195.	0.49	0.39	0.10	0.37	0.21	0.17	0.03	195.
200.	0.50	0.52	0.24	0.43	0.22	0.19	0.03	200.
205.	0.29	0.60	0.26	0.45	0.22	0.20	0.03	205.
210.	0.56	0.65	0.20	0.44	0.21	0.22	0.03	210.
215.	0.55	0.69	0.33	0.40	0.20	0.24	0.03	215.
220.	0.53	0.71	0.31	0.50	0.21	0.26	0.04	220.
225.	0.51	0.73	0.32	0.52	0.22	0.26	0.05	225.
230.	0.49	0.74	0.33	0.53	0.24	0.31	0.06	230.
235.	0.50	0.76	0.36	0.55	0.25	0.33	0.06	235.
240.	0.52	0.79	0.30	0.57	0.25	0.34	0.06	240.
245.	0.54	0.83	0.41	0.59	0.25	0.35	0.06	245.
250.	0.57	0.86	0.42	0.61	0.26	0.36	0.06	250.
255.	0.57	0.89	0.43	0.63	0.26	0.36	0.06	255.
260.	0.50	0.92	0.44	0.63	0.26	0.37	0.06	260.
265.	0.29	0.75	0.25	0.45	0.26	0.37	0.05	265.
270.	0.00	0.95	0.46	0.65	0.26	0.38	0.05	270.
275.	0.03	0.96	0.47	0.65	0.27	0.38	0.05	275.
280.	0.06	0.97	0.49	0.65	0.27	0.39	0.05	280.
285.	0.70	0.98	0.50	0.66	0.28	0.39	0.05	285.
290.	0.75	1.01	0.51	0.67	0.28	0.39	0.05	290.
295.	0.90	1.05	0.52	0.68	0.29	0.39	0.05	295.
300.	0.86	1.00	0.53	0.68	0.30	0.38	0.05	300.
305.	0.92	1.11	0.54	0.69	0.30	0.37	0.04	305.
310.	0.96	1.14	0.54	0.69	0.31	0.37	0.04	310.
315.	0.90	1.16	0.53	0.70	0.31	0.36	0.03	315.
320.	0.97	1.16	0.50	0.69	0.31	0.34	0.03	320.
325.	0.91	1.13	0.47	0.60	0.29	0.33	0.02	325.
330.	0.80	1.04	0.42	0.59	0.27	0.31	0.01	330.
335.	0.64	0.91	0.32	0.44	0.24	0.27	-0.00	335.
340.	0.40	0.71	0.17	0.31	0.10	0.22	-0.02	340.
345.	0.04	0.42	-0.06	0.15	0.11	0.16	-0.04	345.
350.	-0.51	-0.03	-0.33	-0.03	0.02	0.07	-0.05	350.
355.	-0.90	-0.00	-0.32	-0.02	-0.07	0.03	-0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=990 CNTR NO. 458 TCN= 27. C.R.= 39.0

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ		CHORD STATION				AZ
DEG.	0.455	1.955	4.550	12.400	DEG.	
3.	-3.02	-0.40	-3.30	0.06	0.	
5.	-3.09	-0.29	-0.10	3.06	5.	
10.	-3.07	-3.24	0.03	0.97	10.	
15.	-3.67	-0.10	0.04	0.04	15.	
20.	-0.64	-0.18	-0.05	0.02	20.	
25.	-1.14	-0.45	-0.17	0.02	25.	
30.	-1.45	-0.66	-0.26	0.03	30.	
35.	-1.30	-0.66	-3.78	0.03	35.	
40.	-1.09	-0.54	-0.23	0.01	40.	
45.	-3.03	-3.41	-0.17	-0.04	45.	
50.	-0.55	-0.25	-0.3	-0.03	50.	
55.	-3.28	-0.09	0.05	0.01	55.	
60.	-3.14	-0.04	0.09	0.02	60.	
65.	-3.11	-3.06	0.09	0.00	65.	
70.	-3.13	-0.12	0.05	-0.01	70.	
75.	-0.18	-0.16	0.02	0.00	75.	
80.	-3.21	-0.19	0.01	-0.01	80.	
85.	-3.15	-0.18	0.01	0.01	85.	
90.	-3.04	-0.14	0.03	-0.01	90.	
95.	0.18	-0.07	0.07	-0.01	95.	
100.	0.47	0.07	0.14	0.02	100.	
105.	0.79	0.27	0.23	0.04	105.	
110.	1.02	0.44	0.31	0.06	110.	
115.	1.13	0.54	0.36	0.06	115.	
120.	1.10	0.59	0.29	0.07	120.	
125.	1.27	0.64	0.46	0.09	125.	
130.	1.37	0.60	0.44	0.10	130.	
135.	1.51	0.73	0.46	0.11	135.	
140.	1.65	0.70	0.91	0.12	140.	
145.	1.76	0.83	0.53	0.12	145.	
150.	1.02	0.07	0.51	0.11	150.	
155.	1.01	0.46	0.47	0.12	155.	
160.	1.72	0.00	0.42	0.00	160.	
165.	1.57	0.78	0.34	0.05	165.	
170.	1.26	0.00	0.29	0.02	170.	
175.	1.11	0.48	0.20	-0.01	175.	
180.	0.79	0.32	0.11	-0.01	180.	
185.	0.44	0.13	0.03	-0.01	185.	
190.	0.16	-3.15	-0.07	-0.02	190.	
195.	-3.10	-3.19	-0.14	-0.03	195.	
200.	-3.20	-0.27	-0.22	-0.02	200.	
205.	-0.30	-3.30	-0.25	-0.01	205.	
210.	-0.41	-3.30	-0.24	-0.02	210.	
215.	-0.40	-0.27	-0.24	-0.02	215.	
220.	-0.36	-3.24	-0.24	-0.03	220.	
225.	-0.32	-0.23	-0.23	-0.03	225.	
230.	-3.32	-0.22	-0.21	-0.03	230.	
235.	-0.31	-0.21	-0.21	-0.03	235.	
240.	-0.31	-0.19	-0.21	-0.04	240.	
245.	-3.30	-0.17	-0.21	-0.05	245.	
250.	-3.30	-0.14	-0.21	-0.07	250.	
255.	-0.31	-0.12	-0.21	-0.09	255.	
260.	-3.31	-0.10	-0.20	-0.10	260.	
265.	-3.31	-0.08	-0.20	-0.11	265.	
270.	-3.31	-3.07	-0.20	-0.12	270.	
275.	-0.40	-0.06	-0.19	-0.13	275.	
280.	-3.28	-0.06	-0.18	-0.13	280.	
285.	-3.27	-0.05	-0.15	-0.12	285.	
290.	-3.29	-0.04	-0.13	-0.11	290.	
295.	-3.17	-0.06	-0.12	-0.10	295.	
300.	-0.34	-3.07	-0.11	-0.10	300.	
305.	-0.35	-3.07	-0.10	-0.10	305.	
310.	-3.32	-0.06	-0.09	-0.12	310.	
315.	-3.31	-0.04	-0.07	-0.07	315.	
320.	-3.30	-0.04	-0.06	-0.01	320.	
325.	-0.41	-3.13	-0.03	0.02	325.	
330.	-0.45	-3.12	-0.04	0.04	330.	
335.	-0.40	-3.12	-0.05	0.06	335.	
340.	-0.35	-0.12	-0.02	0.07	340.	
345.	-0.44	-0.17	-0.05	0.07	345.	
350.	-3.45	-0.32	-0.07	0.07	350.	
355.	-0.71	-0.43	-0.07	0.07	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-390 CNTR NO. 450 TCN= 27. C.R.= 39.0

DIFFERENTIAL PRESSURES

SPAN STATION 79.8

AZ	CHORD STATION							AZ
005.	0.255	1.049	1.929	2.999	4.359	7.139	10.409	045.
0.	-2.34	-1.52	-0.91	-0.44	-0.44	-0.15	-0.02	0.
5.	-1.50	-1.00	-0.69	-0.45	-0.31	-0.09	-0.02	5.
10.	-1.10	-0.80	-0.59	-0.37	-0.22	-0.06	0.09	10.
15.	-0.93	-0.75	-0.51	-0.33	-0.20	-0.05	0.04	15.
20.	-1.00	-0.87	-0.65	-0.43	-0.29	-0.13	-0.00	20.
25.	-1.12	-1.03	-0.87	-0.70	-0.51	-0.18	-0.01	25.
30.	-1.25	-0.99	-0.81	-0.64	-0.28	-0.19	0.00	30.
35.	-1.00	-0.85	-0.72	-0.45	-0.24	-0.10	-0.02	35.
40.	-0.90	-0.67	-0.60	-0.40	-0.18	-0.10	-0.04	40.
45.	-0.71	-0.54	-0.50	-0.31	-0.13	-0.14	-0.03	45.
50.	-0.56	-0.44	-0.44	-0.27	-0.12	-0.13	-0.00	50.
55.	-0.44	-0.34	-0.42	-0.24	-0.12	-0.12	0.00	55.
60.	-0.22	-0.31	-0.39	-0.21	-0.09	-0.13	-0.01	60.
65.	-0.37	-0.28	-0.34	-0.17	-0.05	-0.14	-0.02	65.
70.	0.04	-0.25	-0.20	-0.10	0.01	-0.14	-0.03	70.
75.	0.09	-0.24	-0.21	-0.02	0.00	-0.14	-0.02	75.
80.	0.01	-0.24	-0.24	-0.03	0.12	-0.13	-0.00	80.
85.	-0.03	-0.23	-0.24	-0.04	0.11	-0.13	-0.00	85.
90.	0.07	-0.15	-0.24	0.01	0.13	-0.13	-0.01	90.
95.	0.30	0.04	-0.11	0.10	0.20	-0.13	0.30	95.
100.	0.59	0.20	0.04	0.21	0.27	-0.05	0.31	100.
105.	0.90	0.51	0.10	0.32	0.33	-0.02	0.33	105.
110.	1.17	0.67	0.30	0.41	0.42	0.32	0.34	110.
115.	1.24	0.80	0.42	0.48	0.50	0.05	0.17	115.
120.	1.30	0.91	0.55	0.53	0.55	0.19	0.11	120.
125.	1.57	1.03	0.60	0.57	0.50	0.24	0.10	125.
130.	1.76	1.14	0.79	0.62	0.50	0.19	0.14	130.
135.	1.91	1.22	0.87	0.60	0.55	0.21	0.16	135.
140.	2.02	1.30	0.93	0.69	0.55	0.22	0.16	140.
145.	2.00	1.37	0.45	0.64	0.55	0.22	0.13	145.
150.	2.03	1.34	0.95	0.62	0.56	0.22	0.13	150.
155.	2.14	1.41	1.09	0.65	0.57	0.24	0.13	155.
160.	2.39	1.61	1.11	0.73	0.59	0.24	0.14	160.
165.	2.57	1.76	1.24	0.81	0.61	0.22	0.15	165.
170.	2.59	1.82	1.30	0.83	0.60	0.20	0.15	170.
175.	2.50	1.77	1.28	0.78	0.57	0.17	0.15	175.
180.	2.33	1.59	1.17	0.67	0.49	0.14	0.15	180.
185.	1.53	1.25	0.94	0.51	0.34	0.12	0.12	185.
190.	0.96	0.85	0.62	0.35	0.17	0.10	0.08	190.
195.	0.43	0.47	0.34	0.15	-0.00	0.00	0.04	195.
200.	0.01	0.17	0.14	0.01	-0.11	0.05	0.01	200.
205.	-0.29	-0.06	-0.01	-0.07	-0.13	0.34	0.00	205.
210.	-0.42	-0.23	-0.10	-0.12	-0.14	0.33	0.01	210.
215.	-0.40	-0.35	-0.15	-0.15	-0.16	0.02	0.01	215.
220.	-0.51	-0.41	-0.10	-0.17	-0.20	0.30	-0.00	220.
225.	-0.63	-0.43	-0.20	-0.20	-0.22	-0.01	-0.02	225.
230.	-0.69	-0.42	-0.21	-0.21	-0.23	-0.03	-0.03	230.
235.	-0.71	-0.40	-0.21	-0.22	-0.25	-0.45	-0.05	235.
240.	-0.70	-0.30	-0.20	-0.22	-0.26	-0.06	-0.07	240.
245.	-0.67	-0.30	-0.20	-0.22	-0.27	-0.00	-0.08	245.
250.	-0.63	-0.33	-0.20	-0.22	-0.27	-0.00	-0.10	250.
255.	-0.61	-0.32	-0.19	-0.21	-0.27	-0.07	-0.11	255.
260.	-0.40	-0.35	-0.18	-0.20	-0.20	-0.00	-0.12	260.
265.	-0.40	-0.37	-0.16	-0.17	-0.25	-0.07	-0.13	265.
270.	-0.59	-0.37	-0.13	-0.15	-0.23	-0.05	-0.14	270.
275.	-0.59	-0.37	-0.12	-0.15	-0.22	-0.04	-0.15	275.
280.	-0.60	-0.36	-0.11	-0.15	-0.22	-0.04	-0.15	280.
285.	-0.61	-0.35	-0.11	-0.15	-0.21	-0.04	-0.15	285.
290.	-0.62	-0.35	-0.12	-0.16	-0.21	-0.03	-0.16	290.
295.	-0.63	-0.35	-0.13	-0.16	-0.21	-0.02	-0.17	295.
300.	-0.64	-0.32	-0.14	-0.16	-0.22	0.00	-0.18	300.
305.	-0.64	-0.31	-0.15	-0.16	-0.22	0.02	-0.16	305.
310.	-0.64	-0.20	-0.17	-0.16	-0.22	0.02	-0.14	310.
315.	-0.64	-0.24	-0.18	-0.16	-0.22	0.02	-0.15	315.
320.	-0.63	-0.27	-0.18	-0.17	-0.20	0.02	-0.13	320.
325.	-0.63	-0.34	-0.18	-0.16	-0.19	0.02	-0.07	325.
330.	-0.63	-0.35	-0.18	-0.16	-0.17	0.03	0.03	330.
335.	-0.69	-0.33	-0.16	-0.16	-0.13	0.05	0.05	335.
340.	-0.70	-0.35	-0.17	-0.18	-0.00	0.00	0.10	340.
345.	-0.72	-0.43	-0.20	-0.20	-0.10	0.00	0.12	345.
350.	-1.29	-0.77	-0.53	-0.45	-0.36	0.01	0.04	350.
355.	-1.00	-1.06	-0.81	-0.63	-0.52	-0.14	-0.05	355.

TEXT NOT REPRODUCIBLE

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=900 CMTA NO. 450 TCN= 27. C.A.= 39.3

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION							AZ
DEC.	0.455	1.240	1.950	2.990	4.350	7.150	10.400	DEC.
0.	-2.09	-1.57	-0.44	-0.60	-0.57	-0.27	-0.04	0.
5.	-2.04	-1.92	-0.32	-0.87	-0.60	-0.33	-0.04	5.
10.	-2.05	-1.50	-0.85	-0.75	-0.57	-0.37	-0.15	10.
15.	-1.62	-1.30	-0.97	-0.63	-0.41	-0.33	-0.17	15.
20.	-0.97	-0.91	-0.71	-0.30	-0.19	-0.25	-0.13	20.
25.	-0.32	-0.64	-0.18	-0.17	-0.02	-0.14	-0.10	25.
30.	0.01	-0.27	-0.59	-0.06	0.06	-0.12	-0.12	30.
35.	0.11	-0.21	-0.10	-0.34	0.07	-0.15	-0.13	35.
40.	0.32	-0.04	-0.61	0.04	0.20	-0.11	-0.10	40.
45.	0.60	0.17	0.14	0.13	0.32	-0.07	-0.09	45.
50.	1.09	0.33	0.19	0.15	0.39	-0.09	-0.11	50.
55.	1.24	0.34	0.19	0.13	0.42	-0.13	-0.13	55.
60.	1.34	0.34	0.17	0.14	0.48	-0.12	-0.16	60.
65.	1.40	0.43	0.21	0.20	0.55	-0.11	-0.14	65.
70.	1.49	0.40	0.19	0.19	0.57	-0.11	-0.12	70.
75.	1.40	0.39	0.60	0.13	0.50	-0.14	-0.13	75.
80.	1.30	0.32	0.02	0.10	0.44	-0.13	-0.13	80.
85.	1.32	0.35	0.02	0.12	0.48	-0.00	-0.00	85.
90.	1.51	0.40	0.10	0.19	0.40	-0.00	-0.00	90.
95.	1.69	0.60	0.20	0.20	0.47	-0.11	-0.00	95.
100.	1.85	0.71	0.29	0.27	0.51	-0.00	-0.00	100.
105.	1.82	0.70	0.24	0.20	0.42	-0.00	-0.11	105.
110.	1.60	0.39	0.00	0.05	0.30	-0.12	-0.11	110.
115.	1.10	0.20	-0.21	-0.14	0.17	-0.15	-0.09	115.
120.	0.15	-0.27	-0.50	-0.40	0.02	-0.16	-0.00	120.
125.	-0.70	-0.05	-0.00	-0.57	-0.00	-0.13	-0.05	125.
130.	-0.71	-0.02	-0.75	-0.52	-0.07	-0.09	-0.02	130.
135.	-0.04	-0.36	-0.35	-0.30	0.03	-0.30	-0.02	135.
140.	0.03	0.03	-0.05	-0.12	0.09	-0.00	-0.30	140.
145.	0.68	0.27	0.09	-0.01	0.12	-0.02	-0.04	145.
150.	0.70	0.41	0.19	0.07	0.13	0.04	-0.02	150.
155.	0.04	0.34	0.29	0.14	0.15	0.00	0.02	155.
160.	0.97	0.69	0.40	0.25	0.21	0.14	0.00	160.
165.	1.15	0.90	0.36	0.30	0.27	0.22	0.10	165.
170.	1.35	1.12	0.73	0.31	0.34	0.20	0.14	170.
175.	1.67	1.27	0.03	0.00	0.32	0.16	0.16	175.
180.	1.44	1.29	0.07	0.03	0.36	0.32	0.16	180.
185.	1.26	1.14	0.00	0.37	0.29	0.30	0.15	185.
190.	0.99	0.93	0.69	0.49	0.21	0.27	0.11	190.
195.	0.67	0.71	0.55	0.40	0.11	0.22	0.12	195.
200.	0.32	0.50	0.41	0.29	-0.00	0.16	0.09	200.
205.	-0.01	0.32	0.20	0.17	-0.10	0.10	0.07	205.
210.	-0.24	0.17	0.17	0.09	-0.14	0.29	0.07	210.
215.	-0.37	0.07	0.10	0.06	-0.16	0.10	0.00	215.
220.	-0.40	0.01	0.05	0.05	-0.10	0.11	0.39	220.
225.	-0.36	-0.04	0.03	0.04	-0.19	0.12	0.15	225.
230.	-0.59	-0.00	0.00	0.01	-0.20	0.11	0.09	230.
235.	-0.61	-0.12	-0.02	-0.02	-0.22	0.10	0.00	235.
240.	-0.09	-0.10	-0.04	-0.03	-0.24	0.30	0.07	240.
245.	-0.70	-0.17	-0.06	-0.04	-0.15	0.37	0.07	245.
250.	-0.00	-0.20	-0.07	-0.05	-0.26	0.07	0.07	250.
255.	-0.70	-0.20	-0.00	-0.04	-0.26	0.00	0.30	255.
260.	-0.70	-0.19	-0.00	-0.04	-0.25	0.00	0.00	260.
265.	-0.70	-0.10	-0.00	-0.03	-0.24	0.07	0.07	265.
270.	-0.75	-0.10	-0.00	-0.02	-0.24	0.07	0.07	270.
275.	-0.75	-0.10	-0.00	-0.03	-0.25	0.04	0.07	275.
280.	-0.75	-0.10	-0.00	-0.04	-0.25	0.05	0.36	280.
285.	-0.70	-0.10	-0.00	-0.05	-0.25	0.04	0.04	285.
290.	-0.70	-0.10	-0.00	-0.05	-0.25	0.00	0.00	290.
295.	-0.77	-0.10	-0.00	-0.05	-0.25	0.05	0.00	295.
300.	-0.77	-0.10	-0.00	-0.04	-0.24	0.06	0.00	300.
305.	-0.76	-0.10	-0.07	-0.04	-0.22	0.37	0.00	305.
310.	-0.76	-0.10	-0.06	-0.05	-0.20	0.30	0.37	310.
315.	-0.75	-0.19	-0.05	-0.01	-0.10	0.49	0.00	315.
320.	-0.76	-0.20	-0.04	-0.00	-0.10	0.00	0.07	320.
325.	-0.72	-0.20	-0.04	0.00	-0.10	0.07	0.00	325.
330.	-0.60	-0.20	-0.05	0.01	-0.19	0.05	0.35	330.
335.	-0.60	-0.15	-0.02	-0.20	0.04	0.04	0.05	335.
340.	-0.60	-0.10	-0.02	0.01	-0.22	0.03	0.04	340.
345.	-0.91	-0.27	-0.14	-0.04	-0.20	-0.30	0.00	345.
350.	-1.32	-0.00	-0.30	-0.27	-0.35	-0.07	-0.04	350.
355.	-1.04	-0.00	-0.71	-0.43	-0.41	-0.17	-0.00	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#500 CNTR NO. 458 TCN# 27. C.H.# 39.0

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEG.	3.455	1.340	1.950	7.090	4.950	7.150	10.430	DEG.
3.	-0.03	-0.57	-2.03	-0.26	-0.29	-0.75	-0.00	0.
5.	-1.11	-0.09	-2.04	-0.41	-0.70	-0.10	-0.14	5.
10.	-1.15	-0.09	-0.05	-0.46	-0.29	-0.12	-0.07	10.
15.	-0.06	-0.00	-2.03	-0.44	-0.24	-0.10	-0.10	15.
20.	-0.00	-0.57	-0.59	-0.32	-0.14	-0.12	-0.11	20.
25.	-0.00	-0.21	-0.30	-0.14	0.02	-0.13	-0.00	25.
30.	-0.47	0.20	0.06	0.02	0.19	-0.12	-0.22	30.
35.	1.00	0.00	0.39	0.16	0.32	0.31	0.22	35.
40.	1.47	0.94	0.09	0.27	0.44	0.34	0.14	40.
45.	1.05	1.22	0.94	0.38	0.55	0.32	0.03	45.
50.	2.35	1.47	1.20	0.72	0.64	0.35	0.02	50.
55.	2.33	1.55	1.45	0.55	0.72	0.36	0.03	55.
60.	1.94	1.43	1.41	0.44	0.74	0.03	0.01	60.
65.	1.55	1.20	1.49	0.27	0.73	-0.23	-0.01	65.
70.	1.20	0.97	2.00	0.00	0.76	-0.28	-0.02	70.
75.	1.15	0.80	2.00	-0.05	0.81	-0.05	-0.01	75.
80.	1.14	0.80	2.25	-0.14	0.89	-0.12	-0.00	80.
85.	1.12	0.70	2.04	-0.10	0.84	-0.10	-0.11	85.
90.	1.04	0.60	2.21	-0.12	0.84	-0.24	-0.05	90.
95.	1.43	1.15	2.73	-0.03	0.91	-0.21	-0.11	95.
100.	1.22	1.21	3.16	-0.06	-0.30	-0.59	-0.16	100.
105.	-0.17	-0.34	1.59	-0.40	-1.40	-0.44	-0.14	105.
110.	-1.05	-1.35	-1.73	-0.54	-2.24	-0.23	-0.09	110.
115.	-1.00	-1.00	-2.56	-0.79	-1.55	-0.23	-0.11	115.
120.	-2.12	-1.01	-3.42	-1.20	-0.32	-0.30	-0.13	120.
125.	-2.47	-2.00	-4.19	-1.51	0.53	-0.35	-0.10	125.
130.	-2.53	-2.19	-3.11	-1.56	-0.15	-0.36	-0.09	130.
135.	-2.21	-1.73	-0.03	-1.19	-0.10	-0.34	-0.11	135.
140.	-1.71	-1.05	-0.05	-0.77	-0.00	-0.28	-0.12	140.
145.	-1.21	-0.53	0.07	-0.44	0.01	-0.24	-0.11	145.
150.	-0.00	-0.27	0.04	-0.24	0.07	-0.21	-0.10	150.
155.	-0.57	-0.24	0.11	-0.13	0.09	-0.17	-0.00	155.
160.	-0.12	-0.20	0.17	-0.02	0.12	-0.11	-0.07	160.
165.	-0.12	-0.02	0.22	0.09	0.16	-0.04	-0.05	165.
170.	0.30	0.36	0.30	0.10	0.22	-0.02	-0.02	170.
175.	0.02	0.66	0.36	0.20	0.30	0.17	0.00	175.
180.	1.12	0.79	0.42	0.30	0.38	0.12	0.02	180.
185.	1.33	0.77	0.47	0.45	0.40	0.16	0.03	185.
190.	0.81	0.69	0.47	0.49	0.31	0.18	0.05	190.
195.	0.66	0.63	0.40	0.49	0.23	0.19	0.05	195.
200.	0.56	0.53	0.30	0.46	0.16	0.19	0.04	200.
205.	0.46	0.40	0.17	0.42	0.08	0.17	0.03	205.
210.	0.33	0.25	0.01	0.36	0.31	0.14	0.02	210.
215.	0.10	0.12	-0.13	0.31	-0.05	0.12	-0.00	215.
220.	0.03	0.02	-0.21	0.27	-0.09	0.12	-0.00	220.
225.	-0.00	-0.04	-0.26	0.25	-0.10	0.13	0.02	225.
230.	-0.16	-0.00	-0.30	0.24	-0.09	0.15	0.04	230.
235.	-0.20	-0.09	-0.32	0.23	-0.00	0.18	0.06	235.
240.	-0.20	-0.09	-0.31	0.22	-0.00	0.19	0.00	240.
245.	-0.19	-0.00	-0.34	0.21	-0.00	0.20	0.09	245.
250.	-0.19	-0.07	-0.34	0.19	-0.03	0.20	0.10	250.
255.	-0.19	-0.00	-0.36	0.18	-0.10	0.20	0.09	255.
260.	-0.20	-0.12	-0.30	0.18	-0.13	0.19	0.00	260.
265.	-0.22	-0.16	-0.41	0.19	-0.15	0.19	0.07	265.
270.	-0.23	-0.10	-0.46	0.19	-0.17	0.14	0.07	270.
275.	-0.25	-0.10	-0.46	0.20	-0.10	0.17	0.06	275.
280.	-0.27	-0.17	-0.47	0.21	-0.17	0.16	0.05	280.
285.	-0.28	-0.15	-0.47	0.21	-0.15	0.16	0.06	285.
290.	-0.26	-0.14	-0.47	0.21	-0.14	0.17	0.07	290.
295.	-0.23	-0.13	-0.46	0.21	-0.14	0.17	0.07	295.
300.	-0.20	-0.12	-0.48	0.20	-0.14	0.16	0.07	300.
305.	-0.16	-0.12	-0.49	0.19	-0.12	0.16	0.07	305.
310.	-0.13	-0.11	-0.51	0.17	-0.10	0.16	0.08	310.
315.	-0.10	-0.12	-0.52	0.14	-0.10	0.16	0.09	315.
320.	-0.27	-0.20	-0.55	0.08	-0.13	0.15	0.09	320.
325.	-0.39	-0.32	-0.63	0.04	-0.16	0.12	0.08	325.
330.	-0.43	-0.39	-0.67	0.02	-0.17	0.09	0.07	330.
335.	-0.32	-0.36	-0.63	0.04	-0.16	0.07	0.05	335.
340.	-0.24	-0.10	-0.44	0.09	-0.11	0.07	0.05	340.
345.	-0.38	-0.12	-0.19	0.21	-0.01	0.11	0.07	345.
350.	0.57	0.36	-0.05	0.29	0.05	0.15	0.08	350.
355.	-0.32	0.02	-0.50	0.09	-0.07	0.10	0.05	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=90C CNTR NO. 450 TCN= 27. C.R.= 39.0

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.450	2.090	4.550	7.150	10.400	DEG.
3.	-0.20	0.30	0.01	0.05	0.07	-0.01	0.02	0.
5.	-0.55	-0.03	-0.37	-0.10	-0.29	-0.39	0.00	5.
17.	-0.91	-0.50	-0.05	-0.11	-0.24	-0.16	-0.01	17.
15.	-0.70	-0.53	-0.04	-0.13	-0.20	-0.21	0.00	15.
27.	-0.43	-0.35	-0.59	-0.33	-0.24	-0.19	0.00	27.
25.	-0.11	-0.05	-0.43	-0.17	-0.29	-0.00	0.04	25.
35.	0.47	0.31	-0.12	0.04	0.37	0.32	0.10	30.
35.	1.70	0.62	0.19	0.14	0.21	0.11	0.11	35.
40.	1.43	0.78	0.44	0.26	0.35	0.21	0.14	40.
45.	1.74	0.76	0.50	0.41	0.50	0.31	0.16	45.
50.	1.91	0.66	0.80	0.93	0.71	0.37	0.15	50.
55.	1.95	0.60	1.11	1.40	0.91	0.32	0.10	55.
60.	1.70	0.64	1.10	1.52	1.36	0.23	0.06	60.
65.	1.52	0.35	0.93	1.16	1.75	0.17	0.05	65.
70.	1.44	-0.04	0.82	0.69	1.33	0.33	-0.05	70.
75.	1.43	-0.31	0.82	0.42	0.69	-0.16	-0.13	75.
80.	0.41	-0.51	0.03	0.46	0.19	-0.66	-0.00	80.
85.	0.42	-0.75	-0.42	0.53	0.17	0.25	-0.06	85.
90.	0.73	-1.34	-0.57	0.51	-0.25	-1.25	-0.12	90.
95.	-0.17	-1.77	-0.96	0.16	-0.49	-1.21	-0.12	95.
100.	-0.75	-2.04	-1.12	-0.19	-0.82	-0.71	-0.23	100.
105.	-0.92	-2.20	-1.15	-0.55	-0.99	-0.89	-0.35	105.
110.	-1.05	-2.34	-1.13	-0.87	-1.10	-0.87	-0.38	110.
115.	-1.33	-2.51	-1.00	-1.00	-1.23	0.51	-0.27	115.
120.	-1.57	-2.63	-1.10	-1.16	-1.47	-0.72	-0.06	120.
125.	-1.60	-2.66	-1.15	-0.90	-1.50	-1.32	0.21	125.
130.	-1.66	-2.58	-1.20	-1.04	-2.72	-0.49	0.26	130.
135.	-1.50	-2.47	-1.32	-1.64	-4.02	0.29	0.14	135.
140.	-1.67	-2.51	-1.42	-2.41	-2.23	0.66	0.03	140.
145.	-1.70	-2.49	-2.11	-2.02	-0.00	0.17	-0.01	145.
150.	-1.71	-2.24	-2.13	-1.00	-0.16	-0.36	-0.02	150.
155.	-1.49	-1.75	-1.60	-0.85	-0.39	-0.79	-0.31	155.
160.	-1.23	-1.07	-1.31	-0.86	-0.42	-0.31	0.35	160.
165.	-0.99	-0.56	-0.97	-0.70	-0.29	0.03	-0.01	165.
170.	-0.72	-0.26	-0.70	-0.66	-0.14	0.05	-0.01	170.
175.	-0.44	-0.07	-0.47	-0.55	-0.33	0.39	0.01	175.
180.	-0.17	0.10	-0.22	-0.34	0.07	0.14	0.02	180.
185.	0.05	0.46	0.01	-0.19	0.15	0.19	0.03	185.
190.	0.25	0.70	0.21	-0.05	0.22	0.21	0.03	190.
195.	0.41	0.87	0.36	0.37	0.27	0.22	0.03	195.
200.	0.52	0.98	0.47	0.15	0.30	0.22	0.32	200.
205.	0.53	1.03	0.51	0.20	0.32	0.20	0.01	205.
210.	0.48	1.03	0.52	0.22	0.32	0.10	-0.09	210.
215.	0.39	1.00	0.49	0.22	0.29	0.15	-0.01	215.
220.	0.27	0.96	0.47	0.22	0.26	0.14	-0.02	220.
225.	0.17	0.89	0.44	0.23	0.24	0.12	-0.02	225.
230.	0.11	0.80	0.47	0.25	0.27	0.12	-0.02	230.
235.	0.09	0.66	0.51	0.27	0.31	0.14	-0.01	235.
240.	0.10	0.66	0.56	0.28	0.34	0.15	0.00	240.
245.	0.10	0.91	0.60	0.32	0.36	0.17	0.01	245.
250.	0.11	0.95	0.63	0.31	0.37	0.18	0.01	250.
255.	0.12	0.99	0.62	0.33	0.38	0.18	0.01	255.
260.	0.13	1.01	0.68	0.34	0.38	0.17	0.01	260.
265.	0.15	1.02	0.69	0.36	0.38	0.15	0.01	265.
270.	0.15	1.02	0.70	0.37	0.37	0.14	0.01	270.
275.	0.16	1.03	0.70	0.39	0.37	0.14	0.01	275.
280.	0.17	1.04	0.71	0.40	0.36	0.15	0.00	280.
285.	0.18	1.05	0.71	0.40	0.36	0.17	0.00	285.
290.	0.21	1.06	0.71	0.40	0.36	0.17	0.00	290.
295.	0.24	1.06	0.71	0.40	0.36	0.16	0.00	295.
300.	0.27	1.04	0.73	0.39	0.37	0.16	0.00	300.
305.	0.29	1.02	0.67	0.38	0.37	0.15	0.01	305.
310.	0.29	0.99	0.63	0.37	0.36	0.15	0.01	310.
315.	0.30	0.97	0.60	0.36	0.35	0.16	0.01	315.
320.	0.35	1.01	0.59	0.37	0.36	0.16	0.02	320.
325.	0.43	1.02	0.50	0.38	0.36	0.16	0.02	325.
330.	0.39	0.95	0.53	0.35	0.33	0.14	0.02	330.
335.	0.32	0.70	0.42	0.25	0.24	0.39	0.02	335.
340.	-0.18	0.44	0.21	0.14	0.15	0.33	0.01	340.
345.	-0.24	0.17	0.07	0.09	0.39	-0.02	0.01	345.
350.	0.12	0.51	0.23	0.18	0.16	-0.01	0.01	350.
355.	0.37	0.55	0.31	0.22	0.16	0.31	-0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-590 CNTR NO. 450 TCN- 27. C.R. = 39.0

DIFFERENTIAL PRESSURES

SPAN STATION 100.0

AZ	CHORD STATION							AZ
DEG.	0.455	1.340	1.950	2.490	4.590	7.150	12.400	DEG.
5.	-3.66	-0.65	-0.24	0.06	0.21	-3.05	0.05	0.
5.	-3.32	-0.72	-0.24	0.01	0.22	-3.74	0.07	5.
13.	-0.56	-0.80	-0.30	-0.11	-0.73	-3.13	0.37	10.
15.	-0.48	-0.90	-0.40	-0.21	-0.10	-3.18	0.36	15.
20.	-0.41	-0.95	-0.47	-0.27	-0.99	-0.22	0.61	20.
25.	-0.14	-0.76	-0.32	-0.13	0.37	-0.17	0.01	25.
30.	0.43	-0.45	0.13	0.15	0.32	-3.05	0.60	30.
35.	1.07	-3.20	0.56	0.32	0.60	3.03	0.12	35.
40.	1.53	3.19	0.04	0.33	0.86	0.36	0.13	40.
45.	1.85	0.94	0.98	0.59	1.16	3.11	0.16	45.
50.	2.07	1.63	1.03	1.50	1.42	3.12	0.13	50.
55.	2.16	1.94	1.10	1.65	2.24	-0.37	0.09	55.
60.	1.97	1.88	1.02	1.77	2.42	-0.42	-0.02	60.
65.	1.66	1.55	0.79	0.56	1.36	-3.41	-0.11	65.
70.	1.54	1.30	0.85	0.55	0.93	3.13	-0.21	70.
75.	1.10	1.15	0.29	-0.06	0.60	-0.64	-0.25	75.
80.	-0.05	0.75	-0.24	-0.57	0.33	-0.85	-0.63	80.
85.	0.36	1.07	0.08	-0.15	0.16	-0.44	-0.02	85.
90.	-0.46	0.79	-0.45	-0.33	-0.27	-3.43	-0.21	90.
95.	-0.93	0.29	-3.02	-0.71	-0.47	-3.73	-0.39	95.
100.	-1.09	-0.06	-1.06	-0.09	-0.61	-1.12	-3.39	100.
105.	-1.32	-0.46	-1.10	-0.99	-0.70	-1.11	-0.24	105.
110.	-1.67	-0.92	-1.20	-1.21	-0.00	-0.17	-0.22	110.
115.	-2.02	-1.37	-1.04	-1.53	-1.04	1.99	-0.27	115.
120.	-2.23	-1.60	-1.94	-1.74	-1.22	2.79	-0.49	120.
125.	-2.26	-1.74	-1.96	-1.73	-1.12	1.20	-0.94	125.
130.	-2.11	-1.50	-1.80	-1.56	-0.93	-3.60	-0.32	130.
135.	-1.91	-1.31	-1.60	-1.44	-1.62	-1.31	0.43	135.
140.	-1.79	-1.43	-1.58	-2.07	-3.12	-0.24	0.39	140.
145.	-1.93	-1.96	-1.74	-3.25	-1.66	-0.46	0.13	145.
150.	-2.11	-2.31	-1.85	-2.33	0.02	-0.16	-0.05	150.
155.	-1.93	-2.29	-1.46	-1.14	-0.06	-0.17	-0.08	155.
160.	-1.40	-1.97	-1.21	-0.78	-0.22	-0.34	-0.07	160.
165.	-1.56	-1.45	-0.92	-0.66	-0.74	-2.23	-0.05	165.
170.	-1.17	-1.02	-0.61	-0.40	-0.17	-0.18	-0.04	170.
175.	-3.77	-0.66	-0.36	-0.20	-0.30	-7.13	-0.03	175.
180.	-0.42	-0.35	-0.15	-0.10	0.02	-0.36	-0.31	180.
185.	-3.09	-3.06	0.37	0.00	0.10	-3.03	0.31	185.
190.	3.23	0.10	0.26	0.23	0.13	0.35	0.62	190.
195.	3.40	0.39	0.41	0.33	0.15	0.90	0.02	195.
200.	3.63	0.53	0.52	0.41	0.14	0.17	0.03	200.
205.	0.70	0.37	0.50	0.44	0.13	0.13	0.02	205.
210.	0.70	0.56	0.60	0.45	0.10	0.11	0.31	210.
215.	0.64	0.52	0.58	0.45	0.08	0.14	0.01	215.
220.	0.54	0.47	0.54	0.44	0.05	0.09	0.01	220.
225.	0.45	0.43	0.51	0.43	0.32	0.09	0.01	225.
230.	0.41	0.40	0.49	0.45	-0.05	0.09	0.01	230.
235.	0.40	0.41	0.50	0.40	-0.31	0.10	0.02	235.
240.	0.40	0.45	0.56	0.53	0.71	0.11	0.04	240.
245.	0.41	0.49	0.57	0.55	0.03	0.14	0.06	245.
250.	0.44	0.53	0.59	0.57	0.24	0.16	0.08	250.
255.	0.40	0.54	0.60	0.58	0.74	0.17	0.08	255.
260.	0.51	0.55	0.69	0.58	0.04	0.17	0.07	260.
265.	0.54	0.56	0.61	0.59	0.04	0.17	0.07	265.
270.	0.57	0.57	0.62	0.61	0.03	0.17	0.06	270.
275.	0.59	0.59	0.64	0.63	0.04	0.17	0.07	275.
280.	0.62	0.60	0.67	0.65	0.04	0.17	0.07	280.
285.	0.64	0.62	0.69	0.67	0.05	0.17	0.07	285.
290.	0.70	0.65	0.71	0.69	0.06	0.17	0.06	290.
295.	0.74	0.67	0.74	0.70	0.07	0.17	0.06	295.
300.	0.76	0.67	0.75	0.71	0.07	0.17	0.07	300.
305.	0.78	0.63	0.74	0.70	0.00	0.17	0.00	305.
310.	0.70	0.50	0.69	0.60	0.09	0.17	0.00	310.
315.	0.74	0.55	0.65	0.67	0.11	0.16	0.00	315.
320.	0.73	0.52	0.66	0.70	0.12	0.16	0.09	320.
325.	0.77	0.54	0.70	0.71	0.14	0.18	0.11	325.
330.	0.76	0.56	0.70	0.69	0.14	0.16	0.12	330.
335.	0.60	0.45	0.62	0.59	0.11	0.14	0.11	335.
340.	0.21	0.06	0.41	0.30	0.02	0.00	0.09	340.
345.	-0.20	-0.34	0.00	0.23	-0.06	0.00	0.06	345.
350.	-0.50	-0.51	-0.00	0.16	-0.07	-3.25	0.04	350.
355.	-0.53	-0.50	-0.10	0.15	-0.55	-0.07	0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=500 CTRN NO. 458 TCN= 27. C.R.= 39.3

DIFFERENTIAL PRESSURES

SPAN STATION 199.5

AZ	CHORD STATION							AZ
DEG.	0.455	1.340	1.953	2.990	4.550	7.153	10.400	DEG.
3.	-1.97	-0.52	-3.74	-0.26	-0.13	-0.02	-0.04	8.
5.	-3.31	-0.11	-0.53	-0.11	-0.09	-3.05	-0.03	5.
13.	-3.20	-0.07	-0.45	-0.11	0.33	-3.74	-0.08	17.
15.	-9.55	-0.29	-0.06	-0.29	-0.13	-0.17	-0.13	15.
20.	-3.66	-0.42	-0.03	-0.44	-0.15	-3.25	-0.14	22.
25.	-3.44	-0.43	-0.03	-0.41	-0.04	-3.22	-0.11	25.
33.	0.14	-0.01	-0.57	-0.10	0.14	-0.14	-0.26	30.
35.	3.70	0.52	-3.14	0.14	0.30	-0.76	-0.64	35.
40.	1.39	0.01	0.56	0.31	0.44	-3.32	-0.00	40.
45.	1.04	1.17	1.39	1.23	0.75	-0.76	-0.02	45.
49.	2.12	1.73	1.67	2.33	1.23	-3.24	-0.11	53.
55.	2.10	2.23	1.74	1.72	1.63	-0.53	-0.20	55.
63.	2.10	2.20	1.63	0.09	1.47	-0.63	-0.27	60.
65.	2.12	2.12	1.46	0.53	0.96	-3.07	-0.27	65.
73.	3.70	0.95	1.35	0.34	0.55	-1.27	-0.13	70.
75.	-3.71	-0.42	3.03	-0.54	0.05	-3.63	0.13	75.
80.	-3.22	-0.57	0.07	-0.73	-0.31	-3.13	0.23	85.
85.	-3.35	-0.26	3.91	-0.45	0.02	-3.16	-0.25	85.
93.	-0.04	-0.04	-0.65	-0.64	-0.17	-0.46	-0.06	95.
95.	-1.17	-1.22	0.30	-3.02	-0.37	-3.73	0.11	95.
103.	-1.29	-1.27	0.17	-0.05	-0.47	3.50	0.61	100.
105.	-1.64	-1.30	-0.06	-0.07	-3.60	3.49	0.41	105.
110.	-2.79	-1.62	-3.36	-1.00	-0.06	3.59	0.53	110.
115.	-2.90	-2.07	-0.64	-1.17	-1.13	1.00	-0.77	115.
123.	-2.75	-2.53	-3.93	-1.32	-1.36	0.92	-0.70	120.
125.	-2.77	-2.65	-1.06	-1.42	-1.45	-0.87	-0.61	125.
135.	-2.51	-2.42	-0.06	-1.30	-1.30	-1.61	-0.20	130.
139.	-2.10	-2.07	-0.56	-1.23	-1.37	-2.14	0.22	135.
145.	-1.94	-1.72	-0.41	-1.06	-1.07	-0.07	0.20	140.
145.	-1.99	-1.51	-3.61	-1.09	-2.72	0.39	0.17	145.
153.	-2.00	-1.67	-1.22	-2.56	-0.92	0.10	-0.04	150.
155.	-2.12	-1.07	-1.71	-1.50	-0.10	-0.43	-0.07	155.
160.	-1.94	-1.07	-1.06	-0.00	-0.17	-3.63	-3.07	160.
165.	-1.64	-1.57	-1.55	-0.54	-0.17	-3.45	-0.35	165.
170.	-1.26	-1.10	-1.23	-0.44	-0.13	-0.27	-0.04	170.
175.	-3.05	-0.66	-3.07	-3.31	-0.06	-0.19	-0.52	175.
180.	-0.44	-0.35	-0.50	-0.17	3.32	-0.12	0.01	180.
185.	-3.36	-0.07	-0.37	-0.32	0.11	-0.06	0.03	185.
195.	3.26	0.16	-3.20	0.14	0.10	0.90	0.23	195.
195.	0.50	0.35	-0.66	0.27	0.21	3.07	0.34	195.
203.	3.71	0.52	3.06	0.36	0.24	0.12	0.06	200.
205.	3.03	0.64	3.14	0.42	0.25	3.10	0.06	205.
213.	3.00	0.75	0.17	0.47	0.25	3.21	0.36	210.
215.	0.05	0.69	0.16	0.46	0.25	3.22	0.05	215.
220.	3.70	0.64	0.15	0.49	0.24	3.22	0.05	220.
225.	0.71	3.57	0.15	0.40	0.23	0.23	0.05	225.
233.	3.60	0.56	0.16	0.47	0.21	0.24	0.05	230.
235.	3.67	0.56	3.16	0.47	0.25	3.25	0.06	235.
240.	3.66	3.50	3.17	0.49	0.21	3.26	0.07	240.
245.	3.67	3.61	3.19	0.51	0.21	3.27	0.09	245.
250.	3.69	0.64	3.21	0.53	0.22	3.30	3.09	250.
255.	3.71	0.60	0.23	0.55	0.24	3.32	0.09	255.
263.	3.75	0.72	0.25	0.57	0.25	0.35	0.09	260.
265.	3.70	0.76	0.27	0.50	0.27	3.37	0.09	265.
273.	3.82	0.79	3.29	0.60	0.29	3.37	0.10	270.
275.	3.07	0.00	3.31	0.61	0.30	0.30	0.10	275.
280.	3.91	0.01	3.33	0.62	0.31	3.37	0.10	280.
285.	0.96	0.03	3.35	0.63	0.31	0.17	0.09	285.
293.	1.02	0.06	0.37	0.63	0.31	3.36	0.09	290.
295.	1.06	0.09	0.39	0.63	0.31	0.35	0.07	295.
303.	1.13	0.92	3.40	0.63	0.31	3.35	0.06	300.
305.	1.10	0.93	0.40	0.62	0.31	3.34	0.06	305.
310.	1.21	0.93	0.39	0.61	0.31	3.33	0.07	310.
315.	1.22	0.92	3.37	0.60	0.31	0.32	0.06	315.
323.	1.21	0.90	0.36	0.58	0.32	0.33	0.06	320.
325.	1.19	0.90	0.42	0.58	0.33	3.32	0.07	325.
330.	1.24	1.00	3.42	0.56	0.33	3.33	0.04	330.
335.	1.14	0.93	0.35	0.51	0.30	0.26	0.01	335.
340.	0.72	0.67	0.12	0.34	0.71	0.10	-0.02	340.
345.	0.30	0.14	-3.21	3.11	0.39	0.10	-0.34	345.
350.	-3.74	-0.32	-0.51	-0.10	-0.06	-3.02	-0.05	350.
355.	-1.30	-0.30	-0.70	-0.23	-0.15	-0.03	-0.05	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=400 CNTR NO. 570 TCR= 31. C.D.= 40.0

DIFFERENTIAL PRESSURES

SPAN STATION #2.4		SPAN STATION #2.4		SPAN STATION #2.4	
A7		A7		A7	
DEC.	0.455	1.400	4.000	11.400	DEC.
0.	-0.72	-0.72	-0.72	0.00	0.
5.	-0.73	-0.73	-0.73	0.01	5.
10.	-0.70	-0.70	-0.70	0.02	10.
15.	-0.36	-0.36	-0.36	0.00	15.
20.	-0.71	-0.71	-0.71	0.10	20.
25.	-1.05	-1.05	-1.05	0.04	25.
30.	-1.00	-1.00	-1.00	0.02	30.
35.	-0.91	-0.91	-0.91	0.02	35.
40.	-0.90	-0.90	-0.90	0.01	40.
45.	-0.77	-0.77	-0.77	-0.01	45.
50.	-0.48	-0.48	-0.48	-0.02	50.
55.	-0.70	-0.70	-0.70	-0.01	55.
60.	-0.74	-0.74	-0.74	-0.01	60.
65.	-0.31	-0.31	-0.31	-0.01	65.
70.	-0.27	-0.27	-0.27	-0.01	70.
75.	-0.17	-0.17	-0.17	-0.02	75.
80.	-0.04	-0.04	-0.04	-0.02	80.
85.	0.07	0.07	0.07	-0.01	85.
90.	0.24	0.24	0.24	-0.03	90.
95.	0.47	0.47	0.47	0.00	95.
100.	0.74	0.74	0.74	0.02	100.
105.	0.90	0.90	0.90	0.02	105.
110.	1.04	1.04	1.04	0.03	110.
115.	1.07	1.07	1.07	0.04	115.
120.	1.04	1.04	1.04	0.04	120.
125.	1.04	1.04	1.04	0.00	125.
130.	1.10	1.10	1.10	0.00	130.
135.	1.22	1.22	1.22	0.07	135.
140.	1.37	1.37	1.37	0.00	140.
145.	1.53	1.53	1.53	0.10	145.
150.	1.63	1.63	1.63	0.00	150.
155.	1.64	1.64	1.64	0.00	155.
160.	1.61	1.61	1.61	0.05	160.
165.	1.48	1.48	1.48	0.02	165.
170.	1.23	1.23	1.23	-0.01	170.
175.	0.91	0.91	0.91	-0.03	175.
180.	0.54	0.54	0.54	-0.03	180.
185.	0.20	0.20	0.20	-0.03	185.
190.	-0.00	-0.00	-0.00	-0.04	190.
195.	-0.27	-0.27	-0.27	-0.04	195.
200.	-0.36	-0.36	-0.36	-0.02	200.
205.	-0.32	-0.32	-0.32	-0.02	205.
210.	-0.29	-0.29	-0.29	-0.03	210.
215.	-0.29	-0.29	-0.29	-0.03	215.
220.	-0.27	-0.27	-0.27	-0.02	220.
225.	-0.27	-0.27	-0.27	-0.00	225.
230.	-0.28	-0.28	-0.28	0.00	230.
235.	-0.29	-0.29	-0.29	-0.01	235.
240.	-0.30	-0.30	-0.30	-0.02	240.
245.	-0.31	-0.31	-0.31	-0.04	245.
250.	-0.32	-0.32	-0.32	-0.04	250.
255.	-0.32	-0.32	-0.32	-0.07	255.
260.	-0.32	-0.32	-0.32	-0.00	260.
265.	-0.31	-0.31	-0.31	-0.10	265.
270.	-0.31	-0.31	-0.31	-0.11	270.
275.	-0.30	-0.30	-0.30	-0.11	275.
280.	-0.29	-0.29	-0.29	-0.10	280.
285.	-0.29	-0.29	-0.29	-0.09	285.
290.	-0.31	-0.31	-0.31	-0.10	290.
295.	-0.34	-0.34	-0.34	-0.04	295.
300.	-0.34	-0.34	-0.34	-0.09	300.
305.	-0.34	-0.34	-0.34	-0.10	305.
310.	-0.35	-0.35	-0.35	-0.04	310.
315.	-0.36	-0.36	-0.36	-0.01	315.
320.	-0.40	-0.40	-0.40	0.03	320.
325.	-0.25	-0.25	-0.25	0.05	325.
330.	-0.23	-0.23	-0.23	0.07	330.
335.	-0.40	-0.40	-0.40	0.06	335.
340.	-0.44	-0.44	-0.44	0.05	340.
345.	-0.52	-0.52	-0.52	0.05	345.
350.	-0.54	-0.54	-0.54	0.06	350.
355.	-0.70	-0.70	-0.70	0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-900 FNR 47. 470 TCA 31. C.R. = 40.0

DIFFERENTIAL PRESSURES

SPAN STATION 70.0

AZ		CHORD STATION							AZ
DEG.	0.454	1.046	1.640	2.234	2.828	3.422	4.016	4.610	DEG.
0.	-1.71	-1.01	-0.61	-0.41	-0.36	-0.39	-0.40	-0.40	0.
5.	-0.59	-0.29	-0.21	-0.11	-0.06	-0.05	-0.05	-0.05	5.
10.	-0.33	-0.19	-0.11	-0.06	-0.03	-0.02	-0.02	-0.02	10.
15.	-1.16	-0.62	-0.43	-0.37	-0.37	-0.38	-0.39	-0.40	15.
20.	-1.10	-0.60	-0.40	-0.34	-0.34	-0.35	-0.36	-0.37	20.
25.	-0.92	-0.74	-0.44	-0.36	-0.37	-0.38	-0.39	-0.40	25.
30.	-0.69	-0.69	-0.44	-0.37	-0.38	-0.39	-0.40	-0.41	30.
35.	-0.69	-0.69	-0.47	-0.37	-0.38	-0.39	-0.40	-0.41	35.
40.	-0.87	-0.63	-0.44	-0.38	-0.39	-0.40	-0.41	-0.42	40.
45.	-0.77	-0.44	-0.47	-0.31	-0.31	-0.32	-0.33	-0.34	45.
50.	-0.61	-0.33	-0.37	-0.31	-0.31	-0.32	-0.33	-0.34	50.
55.	-0.50	-0.41	-0.37	-0.30	-0.31	-0.32	-0.33	-0.34	55.
60.	-0.38	-0.42	-0.40	-0.30	-0.31	-0.32	-0.33	-0.34	60.
65.	-0.24	-0.29	-0.40	-0.30	-0.31	-0.32	-0.33	-0.34	65.
70.	-0.11	-0.14	-0.30	-0.30	-0.31	-0.32	-0.33	-0.34	70.
75.	0.03	-0.04	-0.19	-0.30	-0.31	-0.32	-0.33	-0.34	75.
80.	0.17	0.01	-0.14	-0.27	-0.31	-0.32	-0.33	-0.34	80.
85.	0.34	0.07	-0.04	-0.10	-0.10	-0.11	-0.12	-0.13	85.
90.	0.54	0.23	0.04	-0.10	-0.10	-0.11	-0.12	-0.13	90.
95.	0.75	0.42	0.17	-0.07	-0.07	-0.08	-0.09	-0.10	95.
100.	0.94	0.69	0.31	0.04	0.04	0.05	0.06	0.07	100.
105.	1.17	0.86	0.43	0.40	0.40	0.41	0.42	0.43	105.
110.	1.19	0.77	0.47	0.47	0.41	0.40	0.40	0.40	110.
115.	1.10	0.76	0.46	0.47	0.46	0.45	0.45	0.45	115.
120.	1.04	0.73	0.44	0.41	0.41	0.40	0.40	0.40	120.
125.	1.11	0.73	0.40	0.47	0.47	0.46	0.46	0.46	125.
130.	1.20	0.70	0.40	0.40	0.40	0.40	0.40	0.40	130.
135.	1.49	0.87	0.44	0.40	0.40	0.40	0.40	0.40	135.
140.	1.66	1.03	0.74	0.42	0.46	0.46	0.46	0.46	140.
145.	1.84	1.19	0.84	0.49	0.46	0.46	0.46	0.46	145.
150.	2.09	1.41	0.87	0.64	0.46	0.46	0.46	0.46	150.
155.	2.35	1.61	1.11	0.73	0.46	0.46	0.46	0.46	155.
160.	2.54	1.74	1.23	0.80	0.46	0.46	0.46	0.46	160.
165.	2.64	1.81	1.31	0.82	0.46	0.46	0.46	0.46	165.
170.	2.54	1.73	1.30	0.78	0.46	0.46	0.46	0.46	170.
175.	2.24	1.47	1.14	0.70	0.46	0.46	0.46	0.46	175.
180.	1.74	1.23	0.98	0.49	0.46	0.46	0.46	0.46	180.
185.	1.14	0.81	0.71	0.45	0.46	0.46	0.46	0.46	185.
190.	0.64	0.40	0.43	0.43	0.46	0.46	0.46	0.46	190.
195.	0.14	0.24	0.20	0.43	-0.04	-0.04	-0.04	-0.04	195.
200.	-0.17	0.04	0.07	-0.04	-0.04	-0.04	-0.04	-0.04	200.
205.	-0.33	-0.17	-0.04	-0.07	-0.17	-0.17	-0.17	-0.17	205.
210.	-0.34	-0.27	-0.14	-0.11	-0.10	-0.10	-0.10	-0.10	210.
215.	-0.39	-0.40	-0.19	-0.14	-0.17	-0.17	-0.17	-0.17	215.
220.	-0.54	-0.41	-0.20	-0.16	-0.17	-0.17	-0.17	-0.17	220.
225.	-0.60	-0.44	-0.21	-0.17	-0.10	-0.10	-0.10	-0.10	225.
230.	-0.61	-0.40	-0.22	-0.15	-0.20	-0.20	-0.20	-0.20	230.
235.	-0.63	-0.38	-0.21	-0.11	-0.22	-0.22	-0.22	-0.22	235.
240.	-0.61	-0.39	-0.20	-0.10	-0.22	-0.22	-0.22	-0.22	240.
245.	-0.54	-0.34	-0.20	-0.21	-0.21	-0.21	-0.21	-0.21	245.
250.	-0.54	-0.33	-0.19	-0.21	-0.21	-0.21	-0.21	-0.21	250.
255.	-0.58	-0.37	-0.19	-0.21	-0.24	-0.24	-0.24	-0.24	255.
260.	-0.59	-0.31	-0.17	-0.23	-0.25	-0.25	-0.25	-0.25	260.
265.	-0.57	-0.31	-0.14	-0.20	-0.24	-0.24	-0.24	-0.24	265.
270.	-0.54	-0.31	-0.13	-0.15	-0.20	-0.20	-0.20	-0.20	270.
275.	-0.54	-0.31	-0.13	-0.14	-0.19	-0.19	-0.19	-0.19	275.
280.	-0.57	-0.37	-0.13	-0.14	-0.20	-0.20	-0.20	-0.20	280.
285.	-0.58	-0.35	-0.14	-0.14	-0.22	-0.22	-0.22	-0.22	285.
290.	-0.60	-0.37	-0.15	-0.14	-0.22	-0.22	-0.22	-0.22	290.
295.	-0.61	-0.37	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	295.
300.	-0.61	-0.37	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	300.
305.	-0.60	-0.37	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	305.
310.	-0.59	-0.33	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	310.
315.	-0.60	-0.34	-0.17	-0.14	-0.14	-0.14	-0.14	-0.14	315.
320.	-0.61	-0.34	-0.14	-0.17	-0.14	-0.14	-0.14	-0.14	320.
325.	-0.59	-0.34	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	325.
330.	-0.60	-0.34	-0.21	-0.14	-0.14	-0.14	-0.14	-0.14	330.
335.	-0.72	-0.44	-0.21	-0.14	-0.20	-0.20	-0.20	-0.20	335.
340.	-0.98	-0.67	-0.40	-0.10	-0.27	-0.26	-0.26	-0.26	340.
345.	-1.30	-0.94	-0.67	-0.41	-0.43	-0.43	-0.43	-0.43	345.
350.	-1.67	-1.04	-0.67	-0.44	-0.43	-0.43	-0.43	-0.43	350.
355.	-2.73	-1.33	-0.60	-0.41	-0.43	-0.43	-0.43	-0.43	355.

TEXT NOT REPRODUCIBLE

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-40C CMTD NO. 270 TCR-35. F.R. 40.0									
DIFFERENTIAL PRESSURES									
SEAN STATICA 119.7									
FADON STATICA									
87	0.400	1.040	1.680	2.320	2.960	3.600	4.240	4.880	5.520
DEC.	0.400	1.040	1.680	2.320	2.960	3.600	4.240	4.880	5.520
0.	-2.47	-1.71	-1.05	-0.39	0.27	0.93	1.59	2.25	2.91
5.	-2.09	-1.33	-0.67	0.00	0.66	1.32	1.98	2.64	3.30
10.	-1.71	-0.95	-0.29	0.38	1.04	1.70	2.36	3.02	3.68
15.	-1.33	-0.57	0.09	0.75	1.41	2.07	2.73	3.39	4.05
20.	-0.95	-0.19	0.47	1.13	1.79	2.45	3.11	3.77	4.43
25.	-0.57	0.09	0.75	1.41	2.07	2.73	3.39	4.05	4.71
30.	-0.19	0.47	1.13	1.79	2.45	3.11	3.77	4.43	5.09
35.	0.09	0.75	1.41	2.07	2.73	3.39	4.05	4.71	5.37
40.	0.47	1.13	1.79	2.45	3.11	3.77	4.43	5.09	5.75
45.	0.85	1.51	2.17	2.83	3.49	4.15	4.81	5.47	6.13
50.	1.23	1.89	2.55	3.21	3.87	4.53	5.19	5.85	6.51
55.	1.61	2.27	2.93	3.59	4.25	4.91	5.57	6.23	6.89
60.	1.99	2.65	3.31	3.97	4.63	5.29	5.95	6.61	7.27
65.	2.37	3.03	3.69	4.35	5.01	5.67	6.33	6.99	7.65
70.	2.75	3.41	4.07	4.73	5.39	6.05	6.71	7.37	8.03
75.	3.13	3.79	4.45	5.11	5.77	6.43	7.09	7.75	8.41
80.	3.51	4.17	4.83	5.49	6.15	6.81	7.47	8.13	8.79
85.	3.89	4.55	5.21	5.87	6.53	7.19	7.85	8.51	9.17
90.	4.27	4.93	5.59	6.25	6.91	7.57	8.23	8.89	9.55
95.	4.65	5.31	5.97	6.63	7.29	7.95	8.61	9.27	9.93
100.	5.03	5.69	6.35	7.01	7.67	8.33	8.99	9.65	10.31
105.	5.41	6.07	6.73	7.39	8.05	8.71	9.37	10.03	10.69
110.	5.79	6.45	7.11	7.77	8.43	9.09	9.75	10.41	11.07
115.	6.17	6.83	7.49	8.15	8.81	9.47	10.13	10.79	11.45
120.	6.55	7.21	7.87	8.53	9.19	9.85	10.51	11.17	11.83
125.	6.93	7.59	8.25	8.91	9.57	10.23	10.89	11.55	12.21
130.	7.31	7.97	8.63	9.29	9.95	10.61	11.27	11.93	12.59
135.	7.69	8.35	9.01	9.67	10.33	10.99	11.65	12.31	12.97
140.	8.07	8.73	9.39	10.05	10.71	11.37	12.03	12.69	13.35
145.	8.45	9.11	9.77	10.43	11.09	11.75	12.41	13.07	13.73
150.	8.83	9.49	10.15	10.81	11.47	12.13	12.79	13.45	14.11
155.	9.21	9.87	10.53	11.19	11.85	12.51	13.17	13.83	14.49
160.	9.59	10.25	10.91	11.57	12.23	12.89	13.55	14.21	14.87
165.	9.97	10.63	11.29	11.95	12.61	13.27	13.93	14.59	15.25
170.	10.35	11.01	11.67	12.33	13.00	13.65	14.31	14.97	15.63
175.	10.73	11.39	12.05	12.71	13.38	14.03	14.69	15.35	16.01
180.	11.11	11.77	12.43	13.09	13.76	14.41	15.07	15.73	16.39
185.	11.49	12.15	12.81	13.47	14.14	14.79	15.45	16.11	16.77
190.	11.87	12.53	13.19	13.85	14.52	15.17	15.83	16.49	17.15
195.	12.25	12.91	13.57	14.23	14.90	15.55	16.21	16.87	17.53
200.	12.63	13.29	13.95	14.61	15.28	15.93	16.59	17.25	17.91
205.	13.01	13.67	14.33	14.99	15.66	16.31	16.97	17.63	18.29
210.	13.39	14.05	14.71	15.37	16.04	16.69	17.35	18.01	18.67
215.	13.77	14.43	15.09	15.75	16.42	17.07	17.73	18.39	19.05
220.	14.15	14.81	15.47	16.13	16.80	17.45	18.11	18.77	19.43
225.	14.53	15.19	15.85	16.51	17.18	17.83	18.49	19.15	19.81
230.	14.91	15.57	16.23	16.89	17.56	18.21	18.87	19.53	20.19
235.	15.29	15.95	16.61	17.27	17.94	18.59	19.25	19.91	20.57
240.	15.67	16.33	16.99	17.65	18.32	18.97	19.63	20.29	20.95
245.	16.05	16.71	17.37	18.03	18.70	19.35	20.01	20.67	21.33
250.	16.43	17.09	17.75	18.41	19.08	19.73	20.39	21.05	21.71
255.	16.81	17.47	18.13	18.79	19.46	20.11	20.77	21.43	22.09
260.	17.19	17.85	18.51	19.17	19.84	20.49	21.15	21.81	22.47
265.	17.57	18.23	18.89	19.55	20.22	20.87	21.53	22.19	22.85
270.	17.95	18.61	19.27	19.93	20.60	21.25	21.91	22.57	23.23
275.	18.33	18.99	19.65	20.31	20.98	21.63	22.29	22.95	23.61
280.	18.71	19.37	20.03	20.69	21.36	22.01	22.67	23.33	23.99
285.	19.09	19.75	20.41	21.07	21.74	22.39	23.05	23.71	24.37
290.	19.47	20.13	20.79	21.45	22.12	22.77	23.43	24.09	24.75
295.	19.85	20.51	21.17	21.83	22.50	23.15	23.81	24.47	25.13
300.	20.23	20.89	21.55	22.21	22.88	23.53	24.19	24.85	25.51
305.	20.61	21.27	21.93	22.59	23.26	23.91	24.57	25.23	25.89
310.	20.99	21.65	22.31	22.97	23.64	24.29	24.95	25.61	26.27
315.	21.37	22.03	22.69	23.35	24.02	24.67	25.33	25.99	26.65
320.	21.75	22.41	23.07	23.73	24.40	25.05	25.71	26.37	27.03
325.	22.13	22.79	23.45	24.11	24.78	25.43	26.09	26.75	27.41
330.	22.51	23.17	23.83	24.49	25.16	25.81	26.47	27.13	27.79
335.	22.89	23.55	24.21	24.87	25.54	26.19	26.85	27.51	28.17
340.	23.27	23.93	24.59	25.25	25.92	26.57	27.23	27.89	28.55
345.	23.65	24.31	24.97	25.63	26.30	26.95	27.61	28.27	28.93
350.	24.03	24.69	25.35	26.01	26.68	27.33	27.99	28.65	29.31
355.	24.41	25.07	25.73	26.39	27.06	27.71	28.37	29.03	29.69

TEXT NOT REPRODUCIBLE

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST # 400 CMV NO. 870 TRA. 31. C.P. = 40.0

DIFFERENTIAL PRESSURE

SPAN STATICS 100.0

AZ	SPAN STATICS							87
DEC.	0.495	1.040	1.580	2.080	2.580	3.120	3.600	DEC.
0.	-0.84	-0.74	-0.64	-0.57	-0.50	-0.40	-0.30	0.
5.	-1.76	-0.87	-0.70	-0.64	-0.54	-0.44	-0.34	5.
10.	-1.18	-0.67	-0.70	-0.67	-0.54	-0.44	-0.34	10.
15.	-0.72	-0.60	-0.61	-0.63	-0.53	-0.43	-0.33	15.
20.	-0.16	-0.15	-0.20	-0.10	-0.14	-0.13	-0.08	20.
25.	0.42	0.24	0.21	0.14	0.14	-0.04	-0.03	25.
30.	0.84	0.64	0.74	0.73	0.74	0.01	0.01	30.
35.	1.47	0.82	0.81	0.73	0.74	0.00	0.01	35.
40.	1.46	1.11	0.80	0.63	0.60	-0.03	-0.01	40.
45.	1.76	1.22	0.82	0.60	0.48	-0.00	0.01	45.
50.	1.58	1.23	0.84	0.73	0.63	-0.03	0.00	50.
55.	1.38	1.12	0.74	0.74	0.61	-0.07	-0.02	55.
60.	1.20	0.82	0.72	0.64	0.63	-0.04	-0.03	60.
65.	1.08	0.87	0.64	1.14	0.62	-0.08	-0.03	65.
70.	1.04	0.73	-0.10	1.42	0.62	-0.10	-0.04	70.
75.	1.04	0.74	-0.10	2.02	0.60	-0.14	-0.07	75.
80.	1.22	0.80	-0.12	1.80	1.60	-0.23	-0.11	80.
85.	1.14	0.84	-0.12	1.64	0.81	-0.23	-0.02	85.
90.	1.22	1.13	0.64	1.62	0.73	-0.24	-0.12	90.
95.	1.14	0.81	0.64	1.64	0.64	-0.62	-0.21	95.
100.	0.00	-0.22	-0.63	0.63	0.33	-0.22	-0.16	100.
105.	-1.24	-1.14	-0.73	-0.60	-1.21	-0.20	-0.11	105.
110.	-1.76	-1.43	-0.63	-1.40	-1.21	-0.13	-0.10	110.
115.	-2.11	-1.83	-0.62	-1.74	-1.64	-0.14	-0.10	115.
120.	-2.50	-2.18	-2.12	-2.00	-1.70	-0.22	-0.04	120.
125.	-2.04	-2.47	-2.08	-2.04	-1.13	-0.20	-0.07	125.
130.	-2.00	-2.44	-2.24	-1.80	-0.64	-0.23	-0.10	130.
135.	-2.35	-1.72	-1.72	-0.61	-0.10	-0.20	-0.11	135.
140.	-1.90	-0.80	-1.00	-0.60	-0.12	-0.21	-0.08	140.
145.	-0.83	-0.44	-0.61	0.10	0.04	-0.14	-0.08	145.
150.	-0.24	0.01	-0.64	0.22	0.12	-0.00	-0.06	150.
155.	0.12	0.20	0.10	0.20	0.26	-0.07	-0.04	155.
160.	0.41	0.43	0.24	0.22	0.22	0.04	-0.03	160.
165.	0.62	0.74	0.22	0.61	0.34	0.10	0.00	165.
170.	0.82	1.01	0.63	0.44	0.24	0.14	0.02	170.
175.	0.84	1.04	0.74	0.21	0.24	0.14	0.02	175.
180.	1.01	0.80	0.74	0.23	0.42	0.10	0.04	180.
185.	0.98	0.88	0.74	0.40	0.32	0.20	0.06	185.
190.	0.81	0.72	0.74	0.43	0.20	0.20	0.04	190.
195.	0.79	0.23	0.60	0.33	0.12	0.10	0.04	195.
200.	0.61	0.42	0.62	0.22	0.00	0.14	0.03	200.
205.	0.42	0.20	0.64	0.11	0.01	0.14	0.01	205.
210.	0.24	0.12	0.40	0.03	-0.04	0.12	-0.00	210.
215.	0.10	0.00	0.40	-0.03	-0.03	0.11	-0.01	215.
220.	-0.01	0.01	0.33	-0.00	-0.10	0.12	0.00	220.
225.	-0.00	-0.00	0.20	-0.11	-0.10	0.14	0.03	225.
230.	-0.13	-0.00	0.20	-0.12	-0.00	0.12	0.04	230.
235.	-0.10	-0.00	0.20	-0.14	-0.00	0.10	0.04	235.
240.	-0.14	-0.07	0.21	-0.10	-0.00	0.10	0.00	240.
245.	-0.14	-0.07	0.21	-0.12	-0.00	0.10	0.10	245.
250.	-0.14	-0.00	0.20	-0.14	-0.00	0.20	0.10	250.
255.	-0.17	-0.11	0.20	-0.21	-0.11	0.10	0.00	255.
260.	-0.10	-0.12	0.24	-0.21	-0.14	0.10	0.02	260.
265.	-0.21	-0.11	0.24	-0.21	-0.14	0.12	0.04	265.
270.	-0.22	-0.10	0.24	-0.21	-0.14	0.14	0.04	270.
275.	-0.22	-0.11	0.24	-0.21	-0.10	0.14	0.04	275.
280.	-0.21	-0.12	0.24	-0.22	-0.10	0.14	0.04	280.
285.	-0.10	-0.12	0.24	-0.24	-0.10	0.14	0.04	285.
290.	-0.14	-0.11	0.20	-0.20	-0.10	0.14	0.04	290.
295.	-0.13	-0.11	0.22	-0.20	-0.12	0.14	0.04	295.
300.	-0.11	-0.12	0.20	-0.20	-0.14	0.14	0.04	300.
305.	-0.11	-0.12	0.20	-0.20	-0.12	0.14	0.02	305.
310.	-0.14	-0.14	0.20	-0.20	-0.12	0.14	0.00	310.
315.	-0.20	-0.21	0.12	-0.20	-0.10	0.14	0.04	315.
320.	-0.34	-0.22	0.00	-0.20	-0.10	0.11	0.02	320.
325.	-0.40	-0.20	0.01	-0.24	-0.10	0.00	0.04	325.
330.	-0.40	-0.20	0.04	-0.24	-0.10	0.07	0.04	330.
335.	-0.14	-0.20	-0.00	-0.20	-0.12	0.00	0.04	335.
340.	0.22	0.04	0.23	-0.12	-0.04	0.14	0.04	340.
345.	0.61	0.22	0.20	-0.04	0.04	0.14	0.00	345.
350.	0.13	0.20	0.24	-0.00	0.03	0.12	0.02	350.
355.	-0.34	-0.20	-0.10	-0.11	-0.11	0.03	0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=50C CTR NO. 470 TCR= 31. C.R.= 40.0

DIFFERENTIAL PRESSURES

SPAN STATION 17R.4

AZ	CHORD STATION							47
DEC.	0.495	1.060	1.520	2.080	2.640	3.200	3.760	DEC.
0.	-0.14	0.32	0.64	0.66	0.69	0.67	0.64	0.
5.	0.00	0.11	-0.23	-0.67	0.11	-0.12	0.05	5.
10.	-0.30	-0.14	-0.41	-0.67	-0.64	-0.14	0.04	10.
15.	-0.35	-0.34	-0.40	-0.16	-0.14	-0.24	0.02	15.
20.	-0.11	-0.17	-0.40	-0.15	-0.65	-0.19	0.03	20.
25.	0.43	0.74	-0.14	-0.01	0.10	-0.07	0.05	25.
30.	1.06	0.47	0.16	0.18	0.23	0.02	0.04	30.
35.	1.44	0.74	0.34	0.72	0.37	0.04	0.12	35.
40.	1.58	0.41	0.48	0.44	0.40	0.14	0.14	40.
45.	1.44	0.40	0.40	0.74	0.64	0.17	0.14	45.
50.	1.54	0.75	0.44	1.04	0.71	0.10	0.04	50.
55.	1.30	0.14	0.47	1.04	0.21	-0.04	0.03	55.
60.	1.01	-0.10	0.44	0.72	1.04	-0.07	0.03	60.
65.	0.94	-0.34	0.65	0.47	0.03	-0.07	0.01	65.
70.	1.05	-0.40	0.68	0.41	0.34	-0.34	-0.12	70.
75.	0.04	-1.03	-0.07	0.24	-0.03	-1.31	-0.04	75.
80.	0.05	-1.13	-0.33	0.34	-0.01	-0.74	0.04	80.
85.	0.44	-1.00	0.13	0.44	0.64	-0.04	-0.04	85.
90.	-0.14	-1.53	0.01	0.15	-0.34	-0.34	-0.04	90.
95.	-0.47	-1.44	-0.01	-0.10	-0.73	-0.07	-0.14	95.
100.	-0.97	-2.02	-1.04	-0.41	-0.50	-1.04	-0.30	100.
105.	-1.19	-2.14	-1.12	-0.72	-1.14	0.47	-0.47	105.
110.	-1.38	-2.74	-1.14	-0.60	-1.40	1.02	-0.45	110.
115.	-1.44	-3.14	-1.24	-1.04	-1.71	1.74	-0.55	115.
120.	-2.15	-3.14	-1.34	-1.07	-1.64	0.10	-0.24	120.
125.	-2.15	-3.11	-1.04	-1.01	-2.74	-1.14	0.12	125.
130.	-2.01	-2.84	-1.71	-1.37	-3.70	-0.24	0.24	130.
135.	-2.03	-2.44	-1.04	-1.67	-2.74	0.34	0.19	135.
140.	-1.94	-2.44	-2.00	-2.00	-2.00	0.27	0.07	140.
145.	-1.57	-2.04	-1.14	-1.14	-0.04	-0.04	0.01	145.
150.	-1.01	-1.15	-0.34	-0.67	-0.15	-0.07	0.00	150.
155.	-0.94	-0.67	-0.67	-0.37	-0.14	0.03	0.01	155.
160.	-0.27	-0.19	-0.60	-0.32	-0.04	0.04	0.07	160.
165.	-0.03	0.15	-0.35	-0.34	0.04	0.04	0.02	165.
170.	0.14	0.30	-0.15	-0.24	0.15	0.04	0.03	170.
175.	0.32	0.47	0.03	-0.14	0.72	0.12	0.04	175.
180.	0.44	0.74	0.17	-0.04	0.27	0.13	0.04	180.
185.	0.41	0.04	0.74	0.07	0.31	0.13	0.03	185.
190.	0.53	0.44	0.34	0.04	0.33	0.13	0.03	190.
195.	0.52	1.01	0.47	0.12	0.34	0.13	0.03	195.
200.	0.47	1.01	0.41	0.14	0.34	0.10	0.03	200.
205.	0.40	0.44	0.47	0.17	0.37	0.07	0.02	205.
210.	0.32	0.47	0.34	0.17	0.37	0.04	0.01	210.
215.	0.23	0.44	0.37	0.14	0.34	0.03	0.00	215.
220.	0.14	0.44	0.34	0.17	0.34	0.02	-0.00	220.
225.	0.10	0.04	0.41	0.14	0.34	0.02	-0.00	225.
230.	0.10	0.41	0.44	0.14	0.34	0.02	-0.00	230.
235.	0.11	0.44	0.40	0.21	0.31	0.04	0.00	235.
240.	0.14	0.41	0.34	0.27	0.34	0.04	0.01	240.
245.	0.16	0.44	0.44	0.24	0.34	0.04	0.02	245.
250.	0.14	0.47	1.04	0.34	0.34	0.04	0.07	250.
255.	0.16	0.44	0.44	0.27	0.34	0.07	0.03	255.
260.	0.14	0.57	0.44	0.24	0.40	0.04	0.03	260.
265.	0.14	0.44	0.44	0.34	0.40	0.04	0.03	265.
270.	0.14	0.44	1.07	0.30	0.34	0.04	0.03	270.
275.	0.14	0.44	0.47	0.31	0.34	0.04	0.02	275.
280.	0.14	0.44	0.44	0.31	0.34	0.04	0.02	280.
285.	0.21	0.44	0.44	0.31	0.37	0.04	0.02	285.
290.	0.22	0.44	0.44	0.31	0.34	0.04	0.02	290.
295.	0.23	0.44	0.44	0.31	0.34	0.04	0.02	295.
300.	0.27	0.44	0.44	0.37	0.34	0.04	0.02	300.
305.	0.24	0.44	0.44	0.37	0.34	0.04	0.02	305.
310.	0.24	0.47	0.44	0.31	0.34	0.04	0.03	310.
315.	0.23	0.44	0.44	0.30	0.34	0.04	0.04	315.
320.	0.28	0.41	0.44	0.24	0.37	0.04	0.04	320.
325.	0.24	0.44	0.40	0.24	0.34	0.04	0.03	325.
330.	-0.01	0.44	0.34	0.21	0.31	-0.03	0.03	330.
335.	-0.24	0.34	0.31	0.12	0.13	-0.04	0.02	335.
340.	-0.14	0.37	0.04	0.13	0.13	-0.10	0.03	340.
345.	0.40	0.44	0.37	0.27	0.27	-0.04	0.03	345.
350.	0.30	0.47	0.34	0.24	0.24	-0.04	0.04	350.
355.	0.24	0.61	0.14	0.20	0.34	-0.04	0.04	355.

TEXT NOT REPRODUCIBLE

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=40C CTR NO. 470 TCA= 31. C.R.= 40.0

DIFFERENTIAL PRESSURES									
SPAN STATION 100.0									
CHORD STATION									
A7									A2
DEG.	0.454	1.040	1.626	2.212	2.798	3.384	3.970	4.556	DEG.
0.	0.18	0.01	-0.14	0.20	0.15	-0.05	0.09	0.	0.
5.	0.03	-0.02	-0.21	0.13	0.18	-0.01	0.10	5.	5.
10.	-0.13	-0.12	-0.30	-0.00	0.18	-0.10	0.04	10.	10.
15.	-0.21	-0.31	-0.40	-0.13	0.15	-0.22	0.01	15.	15.
20.	0.13	-0.15	-0.47	-0.05	0.24	-0.20	0.05	20.	20.
25.	0.68	0.31	-0.14	0.13	0.44	-0.10	0.07	25.	25.
30.	1.26	0.44	0.30	0.33	0.42	-0.07	0.04	30.	30.
35.	1.61	0.77	0.39	0.39	0.44	-0.03	0.11	35.	35.
40.	1.72	0.47	1.20	0.64	1.16	0.01	0.10	40.	40.
45.	1.83	0.79	1.47	1.32	1.24	-0.09	0.04	45.	45.
50.	1.77	0.70	1.54	1.08	1.04	-0.34	-0.05	50.	50.
55.	1.34	0.44	1.40	0.44	1.44	-0.43	-0.10	55.	55.
60.	1.19	0.34	1.19	0.25	0.79	-0.43	-0.15	60.	60.
65.	1.04	0.41	1.24	0.33	0.75	0.09	-0.25	65.	65.
70.	-0.13	-0.23	0.39	-0.34	0.47	-0.40	-0.12	70.	70.
75.	-0.44	-0.64	0.39	-0.63	-0.03	-0.74	0.07	75.	75.
80.	0.05	-0.30	0.47	-0.20	-0.29	-0.44	-0.10	80.	80.
85.	-0.47	-0.43	0.81	-0.24	-0.41	-0.44	-0.18	85.	85.
90.	-0.74	-0.49	0.37	-0.67	-0.45	-0.47	-0.27	90.	90.
95.	-1.06	-1.01	0.08	-0.77	-0.56	-0.46	-0.14	95.	95.
100.	-1.47	-1.19	-0.30	-0.89	-0.67	-0.59	-0.04	100.	100.
105.	-1.84	-1.44	-0.57	-1.29	-0.64	0.44	0.20	105.	105.
110.	-2.32	-2.48	-1.44	-1.77	-1.22	1.67	0.06	110.	110.
115.	-2.64	-2.47	-1.84	-1.43	-1.44	2.40	-0.29	115.	115.
120.	-2.77	-2.97	-1.89	-2.00	-1.44	1.44	-0.43	120.	120.
125.	-2.64	-2.47	-1.77	-1.87	-1.29	0.27	-0.44	125.	125.
130.	-2.38	-2.18	-1.44	-1.44	-1.44	-1.04	-0.01	130.	130.
135.	-2.12	-1.84	-1.24	-1.04	-2.00	-0.40	0.37	135.	135.
140.	-2.00	-2.01	-1.74	-2.04	-1.02	0.31	0.19	140.	140.
145.	-1.94	-1.84	-1.83	-2.14	-0.33	-0.03	0.01	145.	145.
150.	-1.67	-1.77	-1.37	-0.82	0.32	-0.31	-0.06	150.	150.
155.	-1.13	-0.81	-1.10	-0.47	0.08	-0.29	-0.04	155.	155.
160.	-0.64	-0.40	-0.74	-0.23	0.03	-0.17	-0.01	160.	160.
165.	-0.23	-0.05	-0.40	-0.14	0.08	-0.14	-0.03	165.	165.
170.	0.04	0.23	-0.17	-0.03	0.15	-0.17	-0.03	170.	170.
175.	0.28	0.37	-0.04	0.14	0.21	-0.04	-0.00	175.	175.
180.	0.43	0.60	0.04	0.27	0.23	-0.03	0.09	180.	180.
185.	0.47	0.47	0.12	0.34	0.23	-0.03	-0.01	185.	185.
190.	0.47	0.71	0.19	0.30	0.27	-0.03	-0.00	190.	190.
195.	0.59	0.74	0.23	0.47	0.19	-0.03	0.01	195.	195.
200.	0.49	0.74	0.23	0.43	0.15	0.00	0.01	200.	200.
205.	0.54	0.73	0.24	0.44	0.12	-0.00	-0.00	205.	205.
210.	0.51	0.71	0.23	0.44	0.10	-0.01	-0.01	210.	210.
215.	0.45	0.69	0.21	0.44	0.07	-0.01	-0.00	215.	215.
220.	0.40	0.64	0.19	0.44	0.05	-0.01	-0.01	220.	220.
225.	0.34	0.64	0.18	0.44	0.03	-0.01	-0.00	225.	225.
230.	0.33	0.63	0.18	0.41	0.02	-0.00	0.00	230.	230.
235.	0.32	0.70	0.20	0.40	0.03	0.03	0.03	235.	235.
240.	0.33	0.73	0.23	0.42	0.03	0.04	0.04	240.	240.
245.	0.34	0.74	0.27	0.44	0.03	0.04	0.04	245.	245.
250.	0.39	0.73	0.49	0.44	0.04	0.07	0.06	250.	250.
255.	0.43	0.79	0.31	0.49	0.04	0.07	0.06	255.	255.
260.	0.46	0.81	0.37	0.44	0.03	0.07	0.04	260.	260.
265.	0.44	0.87	0.33	0.45	0.04	0.07	0.05	265.	265.
270.	0.51	0.83	0.34	0.40	0.04	0.07	0.05	270.	270.
275.	0.54	0.83	0.34	0.61	0.04	0.07	0.04	275.	275.
280.	0.55	0.84	0.34	0.61	0.04	0.07	0.03	280.	280.
285.	0.54	0.84	0.34	0.61	0.04	0.07	0.04	285.	285.
290.	0.59	0.83	0.34	0.61	0.04	0.07	0.04	290.	290.
295.	0.61	0.87	0.34	0.61	0.04	0.07	0.04	295.	295.
300.	0.44	0.81	0.34	0.61	0.10	0.07	0.04	300.	300.
305.	0.64	0.79	0.34	0.40	0.12	0.04	0.07	305.	305.
310.	0.66	0.77	0.34	0.40	0.14	0.04	0.04	310.	310.
315.	0.67	0.70	0.34	0.40	0.14	0.07	0.04	315.	315.
320.	0.70	0.79	0.37	0.40	0.14	0.07	0.04	320.	320.
325.	0.71	0.70	0.37	0.40	0.14	0.04	0.07	325.	325.
330.	0.52	0.47	0.20	0.44	0.10	0.07	0.07	330.	330.
335.	0.04	0.17	-0.03	0.37	0.03	-0.04	0.06	335.	335.
340.	-0.29	-0.14	-0.24	0.16	-0.04	-0.11	0.04	340.	340.
345.	-0.07	0.01	-0.12	0.27	0.04	-0.04	0.04	345.	345.
350.	0.08	0.10	-0.03	0.24	0.10	-0.04	0.03	350.	350.
355.	0.04	0.03	-0.15	0.23	0.17	-0.04	0.04	355.	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=50C CNTR NO. 970 YCA= 31. C.A.= 40.0

DIFFERENTIAL PRESSURES									
SPAN STATION 100.4									
ΔP	10	11	12	13	14	15	16	17	ΔP
DEC.	0.455	1.040	1.000	2.000	2.000	2.150	7.150	10.400	DEC.
0.	0.01	0.14	-0.30	C.68	C.13	-0.27	-0.05	0.	
5.	1.17	0.84	0.17	C.46	C.29	0.00	-0.04	4.	
10.	0.31	0.19	-0.44	C.72	C.74	-0.11	-0.13	10.	
15.	-0.41	-0.77	-0.74	-C.30	C.01	-0.77	-0.16	15.	
20.	-0.31	-0.77	-0.77	-0.77	C.01	-0.77	-0.16	20.	
25.	0.37	0.14	-0.46	-C.14	C.14	-0.14	-0.10	25.	
30.	1.17	0.74	0.74	C.74	C.44	-0.14	-0.07	30.	
35.	1.45	1.27	1.10	1.07	C.64	-0.14	-0.09	35.	
40.	1.93	1.67	1.40	1.04	C.70	-0.70	-0.17	40.	
45.	1.00	1.87	1.40	1.34	1.11	-0.15	-0.73	45.	
50.	1.74	1.74	1.40	1.04	1.37	-0.40	-0.74	50.	
55.	1.74	1.35	1.35	0.74	C.44	-0.44	-0.74	55.	
60.	1.14	1.14	1.34	0.70	C.64	-0.44	-0.74	60.	
65.	0.74	0.14	1.02	-C.74	C.70	-0.44	-0.14	65.	
70.	-1.34	-1.04	0.47	-1.07	-C.74	-0.44	-0.14	70.	
75.	-0.71	-0.67	0.47	-C.77	-C.10	-0.41	-0.73	75.	
80.	-0.44	-0.64	0.74	-C.44	-C.01	-0.41	-0.04	80.	
85.	-0.91	-0.44	0.44	-C.44	-C.17	-0.44	-0.73	85.	
90.	-1.00	-1.04	0.40	-C.67	-C.70	-0.44	-0.73	90.	
95.	-1.17	-1.17	C.11	-C.77	-C.74	-0.77	-0.73	95.	
100.	-1.71	-1.74	-0.74	-C.67	-C.60	0.44	-0.70	100.	
105.	-2.31	-1.97	-0.44	-1.11	-C.44	1.47	1.04	105.	
110.	-2.74	-2.77	-0.44	-1.40	-1.70	2.16	0.74	110.	
115.	-3.11	-3.01	-1.30	-1.44	-1.44	1.64	0.04	115.	
120.	-3.22	-3.00	-1.47	-7.00	-1.40	1.10	-0.44	120.	
125.	-3.01	-2.77	-1.40	-1.47	-1.47	1.34	-0.44	125.	
130.	-2.60	-2.40	-1.04	-1.50	-1.44	0.04	-0.47	130.	
135.	-2.20	-2.00	-C.67	-1.40	-1.47	-1.14	0.14	135.	
140.	-1.94	-1.41	-0.47	-2.14	-2.32	-C.44	0.74	140.	
145.	-1.80	-1.44	-1.74	-2.14	-1.70	0.14	0.11	145.	
150.	-1.74	-1.44	-1.47	-C.67	C.01	-0.74	-0.04	150.	
155.	-1.44	-1.07	-1.74	-C.07	-C.04	-0.40	-0.12	155.	
160.	-0.90	-0.44	-0.44	0.04	-0.07	-0.44	-0.07	160.	
165.	-0.40	-0.74	-0.74	-C.04	C.11	-0.73	-0.73	165.	
170.	-0.10	-0.07	-0.71	0.07	C.14	-0.70	-0.04	170.	
175.	0.77	0.17	-0.14	C.14	C.14	-0.14	-0.07	175.	
180.	0.40	0.77	-0.07	C.27	C.21	-0.14	-0.01	180.	
185.	0.04	0.74	-C.07	C.27	C.24	-0.04	-0.07	185.	
190.	0.70	0.77	0.74	C.24	C.24	-0.04	-0.07	190.	
195.	0.70	0.44	0.07	C.40	C.24	-0.00	0.00	195.	
200.	0.04	0.07	0.10	C.44	C.24	0.04	0.02	200.	
205.	0.77	0.47	0.12	0.47	C.24	0.04	0.01	205.	
210.	0.74	0.41	0.17	C.40	C.24	0.04	0.00	210.	
215.	0.77	0.47	0.14	C.40	C.24	0.04	0.01	215.	
220.	0.60	0.41	0.14	C.40	C.24	0.04	0.03	220.	
225.	0.04	0.40	0.14	0.47	C.21	0.07	0.03	225.	
230.	0.02	0.44	0.14	-C.44	-C.23	0.04	0.02	230.	
235.	0.01	0.40	0.14	C.44	C.21	0.10	0.03	235.	
240.	0.01	0.00	0.14	C.44	C.23	0.12	0.05	240.	
245.	0.07	0.47	0.10	0.47	C.24	0.14	0.05	245.	
250.	0.04	0.44	0.14	C.40	C.24	0.14	0.04	250.	
255.	0.07	0.40	0.77	0.44	C.24	0.10	0.04	255.	
260.	0.77	0.72	0.24	0.41	C.24	0.14	0.07	260.	
265.	0.77	0.74	0.27	C.44	C.24	0.70	0.07	265.	
270.	0.04	0.74	0.20	C.44	C.27	0.20	0.04	270.	
275.	0.04	0.47	0.21	C.40	C.24	0.20	0.04	275.	
280.	0.04	0.04	0.27	0.04	C.24	0.20	0.04	280.	
285.	0.02	0.47	0.27	0.04	C.20	0.14	0.05	285.	
290.	0.04	0.04	0.23	C.44	C.21	0.14	0.04	290.	
295.	1.00	0.04	0.44	C.40	C.21	0.14	0.03	295.	
300.	1.07	0.47	C.21	C.47	C.21	0.14	0.03	300.	
305.	1.07	0.04	0.70	C.44	C.24	0.14	0.04	305.	
310.	1.00	0.47	0.27	C.44	C.24	0.14	0.04	310.	
315.	1.00	0.04	0.74	C.44	C.24	0.17	0.05	315.	
320.	1.07	0.04	0.74	C.47	C.27	0.14	0.03	320.	
325.	0.04	0.74	0.34	C.44	C.24	0.17	0.02	325.	
330.	0.04	0.41	0.17	C.40	C.27	0.04	-0.00	330.	
335.	0.74	0.70	-0.04	C.70	C.14	0.04	-0.04	335.	
340.	-8.12	-0.04	-0.77	0.04	C.04	-0.07	-0.07	340.	
345.	-0.44	-0.70	-0.44	-C.04	-C.04	-0.04	-0.00	345.	
350.	-0.51	-0.74	-0.44	-C.04	-C.25	-0.10	-0.00	350.	
355.	-0.02	-0.41	-0.41	-C.07	-C.04	-0.07	-0.03	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=498 CNTR NO. 253 TCN= 33. C.R.= 32.0

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ	CHORD STATION	AZ
DEG.		DEG.
0.	1.952	1.952
5.	-0.04	-0.01
10.	-0.04	-0.01
15.	-0.04	-0.01
20.	-0.04	-0.01
25.	-0.04	-0.01
30.	-0.04	-0.01
35.	-0.04	-0.01
40.	-0.04	-0.01
45.	-0.04	-0.01
50.	-0.04	-0.01
55.	-0.04	-0.01
60.	-0.04	-0.01
65.	-0.04	-0.01
70.	-0.04	-0.01
75.	-0.04	-0.01
80.	-0.04	-0.01
85.	-0.04	-0.01
90.	-0.04	-0.01
95.	-0.04	-0.01
100.	-0.04	-0.01
105.	-0.04	-0.01
110.	-0.04	-0.01
115.	-0.04	-0.01
120.	-0.04	-0.01
125.	-0.04	-0.01
130.	-0.04	-0.01
135.	-0.04	-0.01
140.	-0.04	-0.01
145.	-0.04	-0.01
150.	-0.04	-0.01
155.	-0.04	-0.01
160.	-0.04	-0.01
165.	-0.04	-0.01
170.	-0.04	-0.01
175.	-0.04	-0.01
180.	-0.04	-0.01
185.	-0.04	-0.01
190.	-0.04	-0.01
195.	-0.04	-0.01
200.	-0.04	-0.01
205.	-0.04	-0.01
210.	-0.04	-0.01
215.	-0.04	-0.01
220.	-0.04	-0.01
225.	-0.04	-0.01
230.	-0.04	-0.01
235.	-0.04	-0.01
240.	-0.04	-0.01
245.	-0.04	-0.01
250.	-0.04	-0.01
255.	-0.04	-0.01
260.	-0.04	-0.01
265.	-0.04	-0.01
270.	-0.04	-0.01
275.	-0.04	-0.01
280.	-0.04	-0.01
285.	-0.04	-0.01
290.	-0.04	-0.01
295.	-0.04	-0.01
300.	-0.04	-0.01
305.	-0.04	-0.01
310.	-0.04	-0.01
315.	-0.04	-0.01
320.	-0.04	-0.01
325.	-0.04	-0.01
330.	-0.04	-0.01
335.	-0.04	-0.01
340.	-0.04	-0.01
345.	-0.04	-0.01
350.	-0.04	-0.01
355.	-0.04	-0.01

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=498 CTR NO. 253 TEN= 33. C.R.= 32.2

DIFFERENTIAL PRESSURES

SPAN STATION 79.8

AZ	CHORD STATION								AZ
DEG.	2.455	1.000	1.052	2.992	4.250	7.157	12.422	066.	
3.	-1.31	-0.71	-0.45	-0.75	-0.25	-0.11	-0.55	0.	
5.	-1.70	-0.65	-0.40	-0.25	-0.19	-0.10	-0.02	5.	
10.	-3.76	-0.34	-0.37	-0.18	-0.18	-0.39	-0.00	10.	
15.	-3.70	-0.49	-0.34	-0.15	-0.18	-0.12	-0.37	15.	
20.	-2.55	-0.42	-0.31	-0.14	-0.18	-0.39	-0.22	20.	
25.	-0.58	-0.40	-0.32	-0.14	-0.13	-0.39	-0.22	25.	
30.	-0.43	-0.27	-0.22	-0.09	-0.38	-0.38	-0.01	30.	
35.	-3.24	-0.19	-0.18	-0.04	-0.08	-0.39	-0.01	35.	
40.	-3.15	-0.16	-0.16	-0.04	-0.39	-0.12	-0.02	40.	
45.	-3.11	-0.14	-0.16	-0.03	-0.39	-0.12	-0.02	45.	
50.	-0.09	-0.11	-0.16	-0.01	-0.36	-0.39	-0.02	50.	
55.	-0.37	-0.10	-0.15	-0.01	-0.32	-0.38	-0.02	55.	
60.	-3.34	-0.36	-0.11	-0.03	-0.32	-0.39	-0.02	60.	
65.	-3.70	-0.01	-0.08	-0.04	-0.30	-0.37	-0.02	65.	
70.	0.35	0.33	-0.05	0.03	0.33	-0.37	-0.02	70.	
75.	0.11	0.07	-0.02	0.04	0.37	-0.35	-0.02	75.	
80.	0.19	0.11	0.02	0.06	0.10	-0.34	-0.01	80.	
85.	0.27	0.16	0.07	0.09	0.14	-0.33	-0.00	85.	
90.	0.37	0.24	0.12	0.12	0.17	-0.32	0.01	90.	
95.	0.47	0.31	0.18	0.14	0.22	-0.33	0.01	95.	
100.	0.54	0.39	0.23	0.17	0.22	0.31	0.01	100.	
105.	0.65	0.45	0.27	0.21	0.24	0.33	0.02	105.	
110.	0.73	0.51	0.32	0.23	0.26	0.35	0.03	110.	
115.	0.87	0.55	0.36	0.26	0.29	0.38	0.04	115.	
120.	0.90	0.60	0.40	0.29	0.32	0.10	0.05	120.	
125.	0.98	0.64	0.45	0.32	0.35	0.12	0.05	125.	
130.	1.05	0.69	0.49	0.33	0.36	0.14	0.06	130.	
135.	1.12	0.73	0.52	0.34	0.36	0.14	0.06	135.	
140.	1.18	0.78	0.55	0.34	0.36	0.15	0.07	140.	
145.	1.26	0.82	0.58	0.34	0.37	0.15	0.07	145.	
150.	1.34	0.88	0.64	0.36	0.37	0.16	0.07	150.	
155.	1.43	0.95	0.69	0.32	0.38	0.18	0.08	155.	
160.	1.53	0.99	0.73	0.31	0.39	0.18	0.07	160.	
165.	1.54	1.00	0.75	0.28	0.34	0.17	0.07	165.	
170.	1.52	0.97	0.74	0.25	0.35	0.20	0.06	170.	
175.	1.43	0.90	0.69	0.21	0.33	0.19	0.06	175.	
180.	1.28	0.80	0.61	0.16	0.26	0.18	0.05	180.	
185.	1.05	0.65	0.52	0.11	0.21	0.15	0.05	185.	
190.	0.78	0.45	0.47	0.06	0.14	0.12	0.04	190.	
195.	0.48	0.24	0.29	-0.02	0.36	0.34	0.02	195.	
200.	0.20	0.10	0.17	-0.07	-0.32	0.34	0.01	200.	
205.	-0.32	-0.60	0.05	-0.11	-0.35	0.33	-0.01	205.	
210.	-1.20	-0.07	-0.03	-0.12	-0.35	0.32	-0.00	210.	
215.	-3.31	-0.06	-0.05	-0.11	-0.36	0.31	-0.01	215.	
220.	-3.19	-0.02	-0.10	-0.11	-0.17	-0.31	-0.00	220.	
225.	-3.46	0.01	-0.19	-0.12	-0.13	-0.32	-0.01	225.	
230.	-3.52	-0.07	-0.23	-0.12	-0.15	-0.33	-0.02	230.	
235.	-3.56	-0.18	-0.25	-0.12	-0.16	-0.34	-0.02	235.	
240.	-3.61	-0.30	-0.24	-0.12	-0.17	-0.35	-0.02	240.	
245.	-3.65	-0.37	-0.22	-0.12	-0.19	-0.36	-0.03	245.	
250.	-3.67	-0.42	-0.23	-0.12	-0.19	-0.36	-0.04	250.	
255.	-3.68	-0.44	-0.25	-0.13	-0.20	-0.36	-0.05	255.	
260.	-3.68	-0.46	-0.25	-0.13	-0.20	-0.36	-0.05	260.	
265.	-3.67	-0.46	-0.27	-0.13	-0.20	-0.36	-0.05	265.	
270.	-3.67	-0.46	-0.27	-0.13	-0.20	-0.36	-0.05	270.	
275.	-3.67	-0.47	-0.27	-0.13	-0.19	-0.35	-0.05	275.	
280.	-3.67	-0.47	-0.27	-0.13	-0.19	-0.35	-0.05	280.	
285.	-3.67	-0.46	-0.27	-0.13	-0.19	-0.34	-0.05	285.	
290.	-3.67	-0.46	-0.27	-0.13	-0.19	-0.34	-0.05	290.	
295.	-3.67	-0.46	-0.27	-0.13	-0.18	-0.35	-0.05	295.	
300.	-3.65	-0.44	-0.27	-0.13	-0.18	-0.35	-0.05	300.	
305.	-3.64	-0.46	-0.24	-0.13	-0.18	-0.35	-0.05	305.	
310.	-3.66	-0.45	-0.28	-0.12	-0.18	-0.34	-0.05	310.	
315.	-3.65	-0.45	-0.29	-0.12	-0.17	-0.34	-0.05	315.	
320.	-3.65	-0.45	-0.28	-0.12	-0.18	-0.34	-0.05	320.	
325.	-3.64	-0.44	-0.26	-0.12	-0.19	-0.34	-0.05	325.	
330.	-3.58	-0.41	-0.26	-0.13	-0.18	-0.33	-0.05	330.	
335.	-3.50	-0.37	-0.24	-0.15	-0.17	-0.33	-0.05	335.	
340.	-3.45	-0.37	-0.23	-0.16	-0.15	-0.32	-0.05	340.	
345.	-3.59	-0.43	-0.29	-0.15	-0.17	-0.32	-0.05	345.	
350.	-3.54	-0.42	-0.32	-0.15	-0.18	-0.33	-0.05	350.	
355.	-3.56	-0.41	-0.31	-0.19	-0.20	-0.34	-0.05	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=498 CTR NO. 250 TCN= 33. C.R.= 32.3

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION							AZ
DEG.	3.455	1.342	1.953	2.990	4.552	7.150	10.470	DEG.
0.	-0.80	-0.54	-0.39	-0.26	-0.23	-0.10	-0.33	0.
5.	-0.86	-0.63	-0.43	-0.29	-0.21	-0.12	-0.05	5.
10.	-0.73	-0.55	-0.35	-0.25	-0.14	-0.14	-0.06	10.
15.	-0.58	-0.48	-0.37	-0.22	-0.13	-0.13	-0.05	15.
20.	-0.39	-0.33	-0.22	-0.17	-0.07	-0.12	-0.06	20.
25.	-0.15	-0.22	-0.10	-0.11	-0.01	-0.10	-0.07	25.
30.	0.33	-0.13	-0.05	-0.08	0.01	-0.09	-0.07	30.
35.	0.23	-0.01	-0.11	-0.05	0.04	-0.08	-0.07	35.
40.	0.40	0.07	0.13	0.01	0.07	-0.07	-0.08	40.
45.	0.55	0.18	0.17	0.08	0.10	-0.04	-0.08	45.
50.	0.66	0.28	0.14	0.12	0.17	-0.05	-0.07	50.
55.	0.74	0.32	0.20	0.14	0.22	-0.04	-0.07	55.
60.	0.82	0.33	0.23	0.15	0.24	-0.04	-0.07	60.
65.	0.86	0.35	0.23	0.15	0.25	-0.04	-0.07	65.
70.	0.82	0.35	0.19	0.13	0.23	-0.05	-0.07	70.
75.	0.76	0.32	0.16	0.11	0.22	-0.04	-0.07	75.
80.	0.69	0.27	0.11	0.08	0.22	-0.04	-0.06	80.
85.	0.64	0.22	0.08	0.07	0.21	-0.05	-0.06	85.
90.	0.62	0.20	0.07	0.01	0.21	-0.06	-0.07	90.
95.	0.62	0.21	0.07	0.06	0.21	-0.05	-0.06	95.
100.	0.65	0.25	0.08	0.07	0.21	-0.02	-0.04	100.
105.	0.70	0.28	0.10	0.08	0.22	0.00	-0.04	105.
110.	0.74	0.31	0.13	0.09	0.22	0.01	-0.03	110.
115.	0.73	0.33	0.14	0.11	0.22	0.00	-0.02	115.
120.	0.68	0.34	0.15	0.11	0.21	0.01	-0.01	120.
125.	0.64	0.34	0.15	0.11	0.21	0.02	0.00	125.
130.	0.60	0.32	0.15	0.10	0.20	0.03	0.01	130.
135.	0.56	0.31	0.14	0.10	0.19	0.04	0.01	135.
140.	0.55	0.31	0.14	0.10	0.18	0.04	0.02	140.
145.	0.59	0.36	0.21	0.13	0.18	0.07	0.02	145.
150.	0.70	0.44	0.28	0.18	0.20	0.08	0.04	150.
155.	0.84	0.55	0.36	0.25	0.23	0.11	0.05	155.
160.	0.96	0.66	0.45	0.31	0.25	0.13	0.07	160.
165.	1.05	0.77	0.52	0.37	0.29	0.16	0.08	165.
170.	1.10	0.86	0.57	0.41	0.29	0.18	0.09	170.
175.	1.08	0.84	0.54	0.44	0.28	0.20	0.09	175.
180.	1.02	0.84	0.54	0.43	0.26	0.19	0.10	180.
185.	0.89	0.74	0.54	0.39	0.22	0.17	0.10	185.
190.	0.71	0.62	0.47	0.32	0.16	0.15	0.09	190.
195.	0.52	0.51	0.38	0.24	0.10	0.13	0.07	195.
200.	0.32	0.40	0.28	0.20	0.04	0.11	0.06	200.
205.	0.14	0.27	0.19	0.14	-0.06	0.04	0.05	205.
210.	-0.03	0.15	0.11	0.09	-0.04	0.04	0.05	210.
215.	-0.17	0.04	0.05	0.03	-0.07	0.05	0.05	215.
220.	-0.26	-0.04	-0.01	-0.01	-0.10	0.05	0.05	220.
225.	-0.34	-0.10	-0.05	-0.04	-0.13	0.04	0.04	225.
230.	-0.44	-0.16	-0.09	-0.07	-0.15	0.04	0.04	230.
235.	-0.53	-0.22	-0.12	-0.09	-0.17	0.03	0.04	235.
240.	-0.60	-0.28	-0.15	-0.11	-0.19	0.01	0.03	240.
245.	-0.66	-0.32	-0.17	-0.14	-0.21	-0.00	0.03	245.
250.	-0.70	-0.33	-0.20	-0.15	-0.22	-0.01	0.02	250.
255.	-0.72	-0.34	-0.22	-0.16	-0.22	-0.01	0.02	255.
260.	-0.75	-0.35	-0.23	-0.16	-0.23	-0.01	0.02	260.
265.	-0.76	-0.35	-0.24	-0.17	-0.23	-0.02	0.02	265.
270.	-0.78	-0.34	-0.23	-0.17	-0.23	-0.02	0.02	270.
275.	-0.85	-0.35	-0.19	-0.14	-0.24	-0.02	0.02	275.
280.	-0.92	-0.41	-0.20	-0.10	-0.22	-0.04	0.02	280.
285.	-0.95	-0.46	-0.25	-0.11	-0.17	-0.04	0.02	285.
290.	-0.93	-0.47	-0.24	-0.15	-0.16	-0.01	0.01	290.
295.	-0.88	-0.49	-0.28	-0.22	-0.18	0.00	0.02	295.
300.	-0.82	-0.44	-0.27	-0.22	-0.21	0.04	0.05	300.
305.	-0.77	-0.47	-0.27	-0.21	-0.22	0.02	0.03	305.
310.	-0.71	-0.42	-0.26	-0.19	-0.21	0.04	0.01	310.
315.	-0.66	-0.37	-0.24	-0.17	-0.21	0.03	0.00	315.
320.	-0.63	-0.36	-0.21	-0.15	-0.20	0.03	0.01	320.
325.	-0.73	-0.43	-0.24	-0.18	-0.21	0.03	0.02	325.
330.	-0.87	-0.55	-0.33	-0.21	-0.23	0.04	0.00	330.
335.	-0.92	-0.59	-0.35	-0.25	-0.26	0.06	-0.02	335.
340.	-0.83	-0.54	-0.36	-0.23	-0.25	0.04	-0.02	340.
345.	-0.83	-0.55	-0.35	-0.23	-0.24	0.03	-0.03	345.
350.	-0.90	-0.65	-0.39	-0.28	-0.26	0.01	-0.03	350.
355.	-0.85	-0.61	-0.43	-0.30	-0.26	0.01	-0.05	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-498 CNTH NO. 251 TCN# 33. C.R.# 32.0

DIFFERENTIAL PRESSURES

SPAN STATION 151.3

AE	CHORD STATION							AE
DEG.	3.455	1.044	1.950	2.790	4.550	7.150	10.442	DEG.
5.	-1.35	-0.76	-0.40	-0.45	-0.25	-0.13	-0.03	0.
5.	-0.13	-0.16	-0.05	-0.32	-0.29	-0.05	-0.01	5.
10.	0.22	-0.07	-0.03	-0.25	-0.26	-0.07	-0.03	10.
15.	-0.13	-0.17	-0.07	-0.20	-0.20	-0.07	-0.02	15.
20.	-0.04	-0.08	-0.11	-0.15	-0.13	-0.07	-0.02	20.
25.	0.18	0.06	0.19	-0.10	0.05	-0.06	-0.02	25.
30.	0.41	0.23	0.12	-0.07	0.07	-0.07	-0.02	30.
35.	0.62	0.45	0.24	0.06	0.13	-0.05	-0.02	35.
40.	0.81	0.68	0.39	0.21	0.22	-0.02	-0.01	40.
45.	0.98	0.86	0.52	0.30	0.28	0.01	-0.00	45.
50.	1.05	0.93	0.61	0.36	0.33	0.02	-0.00	50.
55.	1.07	0.95	0.65	0.40	0.34	0.02	0.00	55.
60.	1.02	0.91	0.68	0.42	0.34	0.02	-0.01	60.
65.	0.90	0.82	0.64	0.43	0.33	-0.01	-0.02	65.
70.	0.73	0.71	0.53	0.42	0.33	-0.02	-0.02	70.
75.	0.55	0.58	0.43	0.47	0.32	-0.04	-0.03	75.
80.	0.42	0.44	0.32	0.36	0.29	-0.06	-0.04	80.
85.	0.29	0.31	0.24	0.37	0.23	-0.11	-0.05	85.
90.	0.14	0.16	0.16	0.23	0.17	-0.16	-0.07	90.
95.	-0.03	-0.01	0.16	0.13	0.11	-0.17	-0.07	95.
100.	-0.22	-0.19	-0.04	0.03	0.06	-0.17	-0.07	100.
105.	-0.42	-0.33	-0.21	-0.09	0.02	-0.18	-0.07	105.
110.	-0.65	-0.47	-0.37	-0.27	-0.03	-0.21	-0.08	110.
115.	-0.94	-0.66	-0.51	-0.28	-0.11	-0.23	-0.09	115.
120.	-1.13	-0.79	-0.60	-0.32	-0.16	-0.23	-0.08	120.
125.	-1.14	-0.80	-0.61	-0.31	-0.17	-0.23	-0.08	125.
130.	-1.09	-0.75	-0.55	-0.30	-0.15	-0.21	-0.07	130.
135.	-0.99	-0.62	-0.44	-0.27	-0.12	-0.19	-0.05	135.
140.	-0.83	-0.44	-0.33	-0.22	-0.17	-0.15	-0.04	140.
145.	-0.64	-0.24	-0.21	-0.15	-0.12	-0.12	-0.04	145.
150.	-0.45	-0.04	-0.08	-0.08	0.02	-0.07	-0.03	150.
155.	-0.22	0.19	0.06	-0.01	0.06	-0.03	-0.01	155.
160.	0.04	0.33	0.19	0.06	0.07	0.01	0.00	160.
165.	0.28	0.39	0.30	0.12	0.11	0.04	0.01	165.
170.	0.46	0.43	0.39	0.17	0.21	0.07	0.03	170.
175.	0.56	0.43	0.44	0.21	0.23	0.13	0.03	175.
180.	0.61	0.43	0.47	0.22	0.22	0.12	0.04	180.
185.	0.61	0.41	0.46	0.22	0.19	0.13	0.04	185.
190.	0.58	0.38	0.42	0.20	0.15	0.13	0.04	190.
195.	0.52	0.35	0.35	0.19	0.11	0.13	0.04	195.
200.	0.43	0.26	0.27	0.16	0.04	0.12	0.03	200.
205.	0.32	0.18	0.27	0.13	0.03	0.11	0.03	205.
210.	0.20	0.07	0.17	0.09	0.00	0.10	0.03	210.
215.	0.09	-0.02	0.05	0.05	-0.03	0.10	0.03	215.
220.	-0.01	-0.09	0.01	0.03	-0.07	0.09	0.03	220.
225.	-0.08	-0.13	-0.04	0.02	-0.10	0.09	0.03	225.
230.	-0.14	-0.14	-0.10	-0.02	-0.11	0.09	0.04	230.
235.	-0.18	-0.18	-0.15	-0.03	-0.12	0.09	0.04	235.
240.	-0.21	-0.23	-0.20	-0.05	-0.13	0.09	0.04	240.
245.	-0.24	-0.26	-0.23	-0.06	-0.15	0.09	0.04	245.
250.	-0.26	-0.28	0.25	-0.08	-0.16	0.09	0.04	250.
255.	-0.28	-0.29	-0.25	-0.10	-0.17	0.09	0.03	255.
260.	-0.28	-0.28	-0.25	-0.11	-0.17	0.09	0.03	260.
265.	-0.28	-0.28	-0.25	-0.13	-0.17	0.07	0.03	265.
270.	-0.28	-0.28	-0.23	-0.13	-0.16	0.07	0.02	270.
275.	-0.27	-0.27	-0.22	-0.13	-0.19	0.07	0.02	275.
280.	-0.25	-0.26	-0.22	-0.13	-0.19	0.07	0.02	280.
285.	-0.22	-0.23	-0.22	-0.11	-0.17	0.08	0.03	285.
290.	-0.19	-0.20	-0.21	-0.09	-0.13	0.09	0.03	290.
295.	-0.12	-0.18	-0.20	-0.05	-0.11	0.09	0.04	295.
300.	-0.05	-0.15	-0.17	-0.02	-0.09	0.10	0.04	300.
305.	0.01	-0.11	-0.15	-0.01	-0.09	0.10	0.04	305.
310.	0.04	-0.08	-0.13	-0.02	-0.09	0.09	0.05	310.
315.	0.04	-0.07	-0.12	-0.03	-0.09	0.09	0.05	315.
320.	0.05	-0.08	-0.12	-0.03	-0.09	0.09	0.04	320.
325.	0.02	-0.09	-0.11	-0.03	-0.09	0.09	0.04	325.
330.	0.03	-0.10	-0.05	-0.01	-0.10	0.09	0.04	330.
335.	0.12	-0.06	-0.01	0.03	-0.09	0.09	0.04	335.
340.	0.36	0.04	-0.04	0.02	-0.04	0.06	0.04	340.
345.	-0.02	-0.04	-0.21	-0.12	-0.07	0.01	0.01	345.
350.	-0.34	-0.49	-0.43	-0.31	-0.20	-0.05	-0.01	350.
355.	-0.55	-0.54	-0.45	-0.34	-0.27	-0.06	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#498 CNTR NO. 292 TCN# 33. C.R.# 32.3

DIFFERENTIAL PRESSURES

SPAN STATION 178.5

AZ		SPAN STATION							AZ	
DEG.	7.495	1.342	1.953	2.996	4.556	7.153	12.423		DEG.	
3.	-0.04	0.15	0.22	0.26	-0.30	-0.35	0.11		3.	
5.	-0.35	-0.02	-0.07	0.05	-0.37	-0.38	0.01		5.	
17.	0.34	-0.17	-0.07	0.16	-0.36	-0.37	0.01		17.	
19.	0.11	0.10	0.06	0.00	0.32	-0.34	0.02		19.	
20.	0.14	0.20	0.14	0.10	0.32	-0.33	0.01		20.	
25.	0.17	0.41	0.19	0.11	0.32	-0.33	0.01		25.	
33.	0.20	0.52	0.23	0.14	0.35	-0.31	0.03		33.	
35.	0.36	0.02	0.33	0.10	0.12	0.34	0.05		35.	
43.	0.37	0.09	0.44	0.24	0.10	0.37	0.05		43.	
45.	0.34	0.74	0.50	0.28	0.23	0.39	0.05		45.	
53.	0.29	0.79	0.54	0.30	0.25	0.13	0.24		53.	
55.	0.22	0.79	0.55	0.32	0.27	0.11	0.24		55.	
63.	0.16	0.70	0.44	0.31	0.27	0.39	0.24		63.	
65.	0.35	0.59	0.29	0.41	0.24	0.37	0.03		65.	
73.	-0.12	0.47	0.10	0.40	0.19	0.33	0.01		73.	
75.	-0.14	0.33	-0.03	0.72	0.11	-0.32	0.03		75.	
83.	-0.14	0.17	-0.19	0.00	-0.00	-0.30	-0.01		83.	
85.	-0.40	-0.03	-0.31	0.52	-0.16	-0.13	-0.03		85.	
93.	-0.06	-0.28	-0.50	0.23	-0.37	-0.14	-0.05		93.	
95.	-0.06	-0.61	-0.48	-0.23	-0.44	-0.20	-0.03		95.	
103.	-0.95	-0.96	-1.11	-1.79	-0.52	-0.21	-0.03		103.	
105.	-0.99	-1.24	-1.29	-1.17	-0.52	-0.19	-0.03		105.	
113.	-1.31	-1.37	-1.47	-1.29	-0.51	-0.19	-0.04		113.	
115.	-1.31	-1.42	-1.59	-1.24	-0.53	-0.20	-0.05		115.	
123.	-1.30	-1.44	-1.54	-1.00	-0.54	-0.20	-0.05		123.	
125.	-1.30	-1.47	-1.72	-0.77	-0.61	-0.20	-0.05		125.	
133.	-0.96	-1.47	-1.59	-0.72	-0.41	-0.19	-0.05		133.	
135.	-0.94	-1.41	-1.41	-0.72	-0.58	-0.19	-0.05		135.	
143.	-0.67	-1.30	-1.27	-0.69	-0.52	-0.15	-0.04		143.	
145.	-0.54	-1.10	-1.04	-0.59	-0.44	-0.12	-0.04		145.	
150.	-0.42	-0.90	-0.87	-0.49	-0.36	-0.08	-0.04		150.	
155.	-0.30	-0.78	-0.69	-0.39	-0.27	-0.24	-0.03		155.	
163.	-0.19	-0.55	-0.44	-0.30	-0.18	-0.30	-0.02		163.	
165.	-0.08	-0.34	-0.27	-0.22	-0.10	0.33	-0.01		165.	
173.	0.33	-0.10	-0.11	-0.14	-0.03	0.35	-0.01		173.	
175.	0.12	-0.04	0.02	-0.07	0.03	0.38	-0.01		175.	
183.	0.21	0.13	0.12	-0.30	0.37	0.39	-0.04		183.	
185.	0.20	0.22	0.20	0.06	0.11	0.39	0.01		185.	
190.	0.34	0.27	0.25	0.06	0.13	0.39	0.01		190.	
195.	0.31	0.30	0.29	0.08	0.14	0.39	0.01		195.	
203.	0.24	0.34	0.31	0.08	0.14	0.37	0.00		203.	
205.	0.24	0.28	0.31	0.08	0.13	0.36	-0.00		205.	
213.	0.22	0.25	0.31	0.08	0.12	0.35	-0.00		213.	
215.	0.18	0.21	0.32	0.06	0.12	0.34	-0.00		215.	
223.	0.17	0.17	0.32	0.04	0.11	0.34	-0.00		223.	
225.	0.17	0.13	0.32	0.05	0.11	0.33	-0.01		225.	
233.	0.17	0.11	0.33	0.09	0.11	0.33	-0.01		233.	
235.	0.18	0.00	0.33	0.10	0.11	0.33	-0.01		235.	
243.	0.20	0.00	0.34	0.11	0.11	0.33	-0.01		243.	
245.	0.23	0.05	0.35	0.11	0.12	0.34	-0.01		245.	
253.	0.25	0.03	0.39	0.12	0.12	0.34	-0.01		253.	
255.	0.24	0.03	0.47	0.13	0.12	0.34	0.00		255.	
263.	0.24	0.04	0.44	0.14	0.12	0.34	0.00		263.	
265.	0.24	0.07	0.45	0.15	0.13	0.34	0.01		265.	
273.	0.27	0.11	0.46	0.15	0.14	0.34	0.01		273.	
275.	0.27	0.16	0.47	0.16	0.15	0.34	0.01		275.	
283.	0.28	0.23	0.47	0.17	0.17	0.34	0.01		283.	
285.	0.30	0.31	0.48	0.19	0.18	0.05	0.00		285.	
293.	0.32	0.39	0.51	0.20	0.19	0.06	0.00		293.	
295.	0.35	0.44	0.54	0.22	0.21	0.08	0.01		295.	
303.	0.36	0.47	0.57	0.24	0.23	0.39	0.02		303.	
305.	0.36	0.49	0.59	0.24	0.24	0.39	0.02		305.	
313.	0.37	0.51	0.61	0.28	0.25	0.39	0.01		313.	
315.	0.36	0.52	0.61	0.29	0.25	0.10	0.02		315.	
323.	0.35	0.52	0.60	0.29	0.24	0.39	0.02		323.	
325.	0.35	0.49	0.55	0.27	0.22	0.39	0.03		325.	
333.	0.37	0.44	0.50	0.24	0.19	0.37	0.02		333.	
335.	0.37	0.39	0.48	0.20	0.17	0.36	0.02		335.	
343.	0.32	0.36	0.44	0.19	0.17	0.36	0.02		343.	
345.	0.28	0.31	0.34	0.21	0.21	0.36	0.03		345.	
353.	0.28	0.33	0.22	0.19	0.18	0.35	0.02		353.	
355.	-0.06	0.19	0.26	0.10	0.32	0.01	0.02		355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=498 CNTA NO. 250 TCN= 33. C.R.= 32.7

DIFFERENTIAL PRESSURES

SPAN STATION 109.0

AZ	CHORD STATION							AZ
DEG.	3.655	1.340	1.959	2.992	4.550	7.151	10.400	DEG.
9.	3.41	0.35	3.68	0.27	0.10	3.32	0.22	9.
5.	0.15	0.21	-0.07	0.21	0.12	-0.35	0.22	5.
10.	-0.01	0.03	-0.09	0.12	0.10	-0.32	0.21	10.
15.	3.70	0.27	0.04	0.22	0.12	3.37	0.21	15.
20.	3.54	0.41	0.15	0.23	0.10	3.31	0.21	20.
25.	0.60	0.40	0.23	0.22	3.26	-0.02	0.21	25.
30.	3.76	0.52	0.31	0.27	0.35	-0.33	0.21	30.
35.	0.46	0.59	0.41	0.30	0.44	-0.31	0.22	35.
40.	0.94	0.64	0.53	0.44	0.53	3.31	0.22	40.
45.	0.95	0.62	0.63	0.42	0.56	3.33	0.22	45.
50.	3.91	0.56	0.94	0.47	0.54	3.04	0.21	50.
55.	3.02	0.49	1.20	0.63	0.59	3.23	-0.00	55.
60.	0.66	0.39	1.24	0.86	0.63	-0.72	-0.02	60.
65.	3.46	0.25	1.14	1.70	0.67	-0.36	-0.23	65.
70.	3.21	0.03	0.95	0.47	0.52	-0.12	-0.05	70.
75.	-0.04	-0.10	3.74	-0.05	0.43	-0.20	-0.07	75.
80.	-0.31	-0.37	0.65	-0.30	1.22	-0.29	-0.17	80.
85.	-0.59	-0.77	3.41	-0.47	1.30	-0.35	-0.10	85.
90.	-1.00	-1.09	-0.07	-0.69	0.71	-0.34	-0.04	90.
95.	-1.50	-1.46	-0.71	-1.92	-1.40	-0.26	-0.05	95.
100.	-1.80	-1.72	-1.16	-1.17	-2.24	-0.15	-0.03	100.
105.	-2.01	-1.96	-1.27	-1.45	-2.31	-0.11	-0.03	105.
110.	-2.11	-1.92	-1.70	-1.70	-2.30	-0.11	-0.03	110.
115.	-2.20	-1.90	-1.30	-2.00	-1.33	-0.15	-0.04	115.
120.	-2.27	-2.02	-1.51	-2.34	-0.22	-0.22	-0.04	120.
125.	-2.31	-2.00	-1.66	-2.30	-0.30	-0.26	-0.05	125.
130.	-2.32	-2.13	-1.79	-1.92	-0.24	-0.29	-0.06	130.
135.	-2.27	-2.01	-1.70	-1.04	-0.32	-0.28	-0.06	135.
140.	-2.11	-1.74	-1.50	-0.87	-0.32	-0.24	-0.05	140.
145.	-1.99	-1.40	-1.27	-0.70	-0.28	-0.22	-0.03	145.
150.	-1.62	-1.21	-0.99	-0.67	-0.22	-0.18	-0.04	150.
155.	-1.30	-0.93	-0.79	-0.51	-0.16	-0.13	-0.03	155.
160.	-0.97	-0.64	-0.52	-0.34	-0.09	-0.09	-0.03	160.
165.	-0.65	-0.39	-0.46	-0.19	-0.22	-0.06	-0.02	165.
170.	-0.36	-0.17	-0.30	-0.06	0.06	-0.02	-0.01	170.
175.	-0.11	0.02	-0.16	0.04	0.09	0.02	-0.00	175.
180.	0.09	0.10	-0.04	0.12	0.09	0.05	0.00	180.
185.	0.24	0.31	0.05	0.10	0.08	0.07	0.00	185.
190.	0.34	0.30	0.11	0.22	0.07	0.09	0.00	190.
195.	0.30	0.43	0.14	0.24	0.05	0.08	0.00	195.
200.	0.40	0.44	0.16	0.20	0.02	0.04	0.00	200.
205.	0.39	0.44	0.17	0.20	0.01	0.00	-0.00	205.
210.	0.35	0.43	0.17	0.17	0.00	0.00	-0.00	210.
215.	0.32	0.41	0.17	0.20	-0.00	0.00	0.00	215.
220.	0.29	0.39	0.15	0.20	-0.00	0.00	0.00	220.
225.	0.26	0.37	0.14	0.27	-0.01	0.00	0.00	225.
230.	0.24	0.37	0.13	0.27	-0.02	0.00	0.00	230.
235.	0.25	0.38	0.13	0.20	-0.03	0.00	0.00	235.
240.	0.27	0.40	0.14	0.29	-0.03	0.00	0.00	240.
245.	0.30	0.42	0.15	0.30	-0.03	0.00	0.00	245.
250.	0.33	0.43	0.16	0.31	-0.03	0.00	0.00	250.
255.	0.36	0.44	0.18	0.33	-0.02	0.00	0.00	255.
260.	0.39	0.46	0.19	0.34	-0.01	0.00	0.00	260.
265.	0.43	0.49	0.21	0.35	-0.00	0.00	0.00	265.
270.	0.48	0.53	0.21	0.40	0.01	0.00	0.00	270.
275.	0.55	0.56	0.22	0.42	0.02	0.01	0.00	275.
280.	0.62	0.60	0.24	0.44	0.03	0.01	0.00	280.
285.	0.69	0.63	0.26	0.47	0.04	0.02	0.00	285.
290.	0.76	0.60	0.33	0.50	0.06	0.04	0.00	290.
295.	0.85	0.76	0.40	0.53	0.09	0.05	0.00	295.
300.	0.94	0.82	0.46	0.56	0.11	0.05	0.00	300.
305.	1.01	0.85	0.48	0.57	0.13	0.06	0.00	305.
310.	1.04	0.85	0.47	0.50	0.15	0.07	0.00	310.
315.	1.05	0.80	0.47	0.59	0.17	0.09	0.00	315.
320.	1.04	0.85	0.40	0.50	0.10	0.04	0.00	320.
325.	1.00	0.82	0.44	0.50	0.10	0.07	0.00	325.
330.	0.93	0.76	0.37	0.51	0.14	0.05	0.00	330.
335.	0.84	0.65	0.30	0.46	0.12	0.04	0.00	335.
340.	0.76	0.54	0.30	0.44	0.10	0.03	0.00	340.
345.	0.63	0.45	0.33	0.46	0.13	0.05	0.00	345.
350.	1.14	0.89	0.45	0.55	0.25	0.16	0.07	350.
355.	1.12	0.70	0.45	0.50	0.27	0.12	0.06	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=400 CTR NO. 257 TCN= 33. C.R.= 32.0

DIFFERENTIAL PRESSURES

SPAN STATION 100.5

AZ	CHORD STATION							AZ
DEG.	3.455	1.040	1.953	2.903	4.553	7.150	10.400	DEG.
3.	2.67	0.49	0.67	1.15	0.13	3.02	-0.02	0.
5.	3.42	0.40	-0.61	0.58	0.12	3.31	-0.32	5.
10.	3.14	0.22	-3.11	0.06	0.78	-3.31	-0.33	10.
15.	3.44	0.39	3.12	0.17	0.14	3.01	-3.54	15.
20.	3.77	0.56	3.58	0.15	0.14	-0.36	-6.66	20.
25.	3.84	0.61	3.69	0.14	0.14	-3.07	-7.15	25.
30.	3.84	0.65	3.79	0.20	0.19	-3.06	-7.64	30.
35.	3.84	2.72	3.26	0.29	0.27	-3.04	-0.03	35.
40.	3.93	3.77	3.74	0.32	0.32	-3.04	-0.33	40.
45.	3.92	0.77	1.29	0.41	0.35	-3.36	-0.23	45.
50.	0.44	0.74	1.47	0.41	0.35	-0.11	-0.24	50.
55.	3.72	0.69	1.33	1.05	3.19	-0.15	-7.27	55.
60.	3.53	3.62	1.14	1.09	0.32	-3.21	-0.08	60.
65.	3.30	0.49	1.01	1.02	1.07	-3.28	-0.09	65.
70.	0.36	0.24	0.87	0.55	1.24	-3.36	-0.10	70.
75.	-0.24	-0.04	0.64	0.64	0.49	-3.42	-0.12	75.
80.	-2.66	-4.42	0.44	-0.32	0.37	-0.42	-0.12	80.
85.	-1.15	-0.91	0.17	-0.73	-0.12	-3.34	-0.04	85.
90.	-1.61	-1.38	-0.12	-1.56	-0.43	-0.17	-0.03	90.
95.	-1.92	-1.67	-0.43	-1.15	-0.60	-3.31	0.50	95.
100.	-2.14	-1.84	-0.64	-1.20	-1.03	3.29	3.53	100.
105.	-2.79	-1.94	-0.69	-1.27	-1.97	0.14	0.54	105.
110.	-2.30	-2.01	-0.73	-1.36	-2.35	0.10	0.02	110.
115.	-2.44	-2.07	-0.85	-1.56	-2.49	-0.01	0.02	115.
120.	-2.49	-2.10	-1.23	-1.85	-1.53	-3.16	0.20	120.
125.	-2.53	-2.12	-1.61	-2.12	-0.35	-0.26	-0.02	125.
130.	-2.57	-2.10	-1.78	-2.13	-0.03	-0.31	-0.33	130.
135.	-2.53	-2.02	-1.79	-1.63	-0.17	-0.32	-0.55	135.
140.	-2.30	-1.86	-1.73	-0.75	-0.28	-0.30	-0.05	140.
145.	-2.17	-1.64	-1.53	-0.59	-0.28	-3.27	-0.04	145.
150.	-1.90	-1.38	-1.26	-0.62	-0.22	-0.22	-0.03	150.
155.	-1.59	-1.10	-1.02	-0.53	-0.17	-0.16	-0.01	155.
160.	-1.26	-0.85	-0.40	-0.40	-0.12	-3.11	-0.30	160.
165.	-0.88	-0.61	-0.40	-0.26	-0.06	-0.09	0.01	165.
170.	-0.52	-0.37	-0.44	-0.12	-0.01	-0.05	0.02	170.
175.	-0.27	-0.16	-0.29	-0.01	0.54	3.33	0.02	175.
180.	-0.03	-0.21	-0.17	0.08	0.37	3.34	0.22	180.
185.	0.16	0.11	-0.58	0.13	0.39	3.03	0.22	185.
190.	0.31	0.21	-0.07	0.16	0.10	3.05	0.23	190.
195.	0.37	0.27	0.00	0.19	0.11	3.05	0.23	195.
200.	0.37	0.29	0.12	0.21	0.11	3.04	0.22	200.
205.	0.37	0.30	0.04	0.22	0.12	3.04	0.02	205.
210.	0.36	0.32	0.05	0.23	0.12	3.06	0.22	210.
215.	0.35	0.32	0.07	0.24	0.12	3.06	0.22	215.
220.	0.35	0.32	0.08	0.24	0.11	3.08	0.23	220.
225.	0.35	0.32	0.09	0.25	0.11	3.10	0.23	225.
230.	0.34	0.32	0.08	0.25	0.10	3.12	0.03	230.
235.	0.34	0.33	0.09	0.26	0.10	3.13	0.03	235.
240.	0.35	0.34	0.09	0.30	0.10	3.13	0.24	240.
245.	0.39	0.36	0.11	0.33	0.11	3.14	0.24	245.
250.	0.44	0.38	0.14	0.35	0.11	3.14	0.24	250.
255.	0.50	0.42	0.16	0.36	0.11	3.15	0.24	255.
260.	0.54	0.47	0.17	0.36	0.11	3.15	0.24	260.
265.	0.58	0.51	0.19	0.37	0.12	3.16	0.24	265.
270.	0.62	0.56	0.21	0.38	0.13	3.17	0.24	270.
275.	0.67	0.61	0.22	0.39	0.14	3.17	0.24	275.
280.	0.74	0.65	0.23	0.42	0.15	3.17	0.24	280.
285.	0.83	0.69	0.24	0.45	0.16	3.18	0.23	285.
290.	0.95	0.75	0.26	0.45	0.18	3.18	0.23	290.
295.	1.08	0.87	0.42	0.54	0.19	3.19	0.24	295.
300.	1.20	0.94	0.47	0.55	0.20	3.19	0.24	300.
305.	1.30	0.93	0.48	0.56	0.22	3.19	0.24	305.
310.	1.36	0.93	0.48	0.56	0.23	3.19	0.24	310.
315.	1.38	0.94	0.48	0.56	0.25	3.18	0.24	315.
320.	1.32	0.93	0.44	0.57	0.26	3.17	0.23	320.
325.	1.35	0.97	0.44	0.56	0.27	3.17	0.23	325.
330.	1.24	0.60	0.40	0.45	0.24	3.16	0.22	330.
335.	1.09	0.72	0.31	0.39	0.20	3.15	0.22	335.
340.	0.94	0.65	0.25	0.34	0.18	3.12	0.22	340.
345.	1.30	0.72	0.31	0.36	0.21	3.13	0.02	345.
350.	1.48	0.98	0.48	0.54	0.26	3.14	0.03	350.
355.	1.62	1.10	0.53	0.43	0.24	3.11	0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=902 CNTR NO. 175 TCN= 30. C.R.= 44.1

DIFFERENTIAL PRESSURES

SPAN STATION 92.5

AZ	CHORD STATION				AZ
DEG.	0.455	1.950	4.550	13.430	DEG.
5.	-3.87	-6.40	-9.23	-1.12	0.
5.	-3.80	-3.39	-0.27	-0.01	5.
10.	-3.60	-0.30	-0.13	-0.31	10.
15.	-0.30	-0.10	-0.06	-0.02	15.
20.	-0.10	-0.04	-0.01	-0.01	20.
25.	0.01	-0.08	-0.02	-0.04	25.
30.	0.24	-0.15	-0.08	-0.04	30.
35.	0.32	-0.10	-0.09	-0.04	35.
40.	0.10	-0.11	-0.06	-0.03	40.
45.	-0.17	-0.11	-0.09	-0.04	45.
50.	-0.23	-0.09	-0.02	-0.05	50.
55.	0.30	-0.00	0.00	-0.05	55.
60.	0.12	-0.03	0.01	-0.05	60.
65.	0.10	-0.00	0.02	-0.05	65.
70.	0.10	0.02	0.03	-0.06	70.
75.	0.21	0.05	0.03	-0.09	75.
80.	0.25	0.00	0.03	-0.05	80.
85.	0.20	0.11	0.05	-0.04	85.
90.	0.35	0.11	0.07	-0.02	90.
95.	0.44	0.15	0.10	-0.02	95.
100.	0.55	0.21	0.14	0.00	100.
105.	0.60	0.27	0.18	0.01	105.
110.	0.70	0.32	0.21	0.01	110.
115.	0.85	0.30	0.24	0.02	115.
120.	0.92	0.42	0.27	0.04	120.
125.	0.99	0.44	0.29	0.04	125.
130.	1.03	0.49	0.30	0.03	130.
135.	1.00	0.52	0.31	0.03	135.
140.	1.07	0.53	0.32	0.04	140.
145.	1.09	0.54	0.32	0.04	145.
150.	1.09	0.54	0.32	0.04	150.
155.	1.00	0.53	0.30	0.04	155.
160.	1.05	0.50	0.29	0.03	160.
165.	0.99	0.47	0.26	0.03	165.
170.	0.92	0.43	0.22	0.03	170.
175.	0.81	0.37	0.18	0.03	175.
180.	0.67	0.30	0.16	0.03	180.
185.	0.51	0.23	0.13	0.02	185.
190.	0.32	0.15	0.08	0.02	190.
195.	0.12	0.07	0.03	0.03	195.
200.	-0.09	-0.01	-0.01	0.03	200.
205.	-0.22	-0.06	-0.05	0.03	205.
210.	-0.24	-0.10	-0.09	0.03	210.
215.	-0.33	-0.11	-0.12	0.02	215.
220.	-0.43	-0.10	-0.14	0.03	220.
225.	-0.50	-0.12	-0.15	0.04	225.
230.	-0.54	-0.10	-0.15	0.02	230.
235.	-0.55	-0.21	-0.16	0.01	235.
240.	-0.55	-0.22	-0.16	-0.00	240.
245.	-0.54	-0.23	-0.16	0.00	245.
250.	-0.52	-0.23	-0.17	0.00	250.
255.	-0.51	-0.23	-0.18	-0.00	255.
260.	-0.51	-0.25	-0.18	-0.02	260.
265.	-0.51	-0.24	-0.18	-0.01	265.
270.	-0.52	-0.24	-0.17	-0.01	270.
275.	-0.52	-0.24	-0.16	-0.01	275.
280.	-0.53	-0.24	-0.15	-0.01	280.
285.	-0.53	-0.24	-0.14	-0.01	285.
290.	-0.53	-0.24	-0.13	-0.01	290.
295.	-0.53	-0.23	-0.12	-0.01	295.
300.	-0.53	-0.23	-0.12	-0.01	300.
305.	-0.54	-0.22	-0.12	-0.01	305.
310.	-0.54	-0.22	-0.12	-0.01	310.
315.	-0.54	-0.21	-0.12	-0.01	315.
320.	-0.54	-0.22	-0.12	-0.01	320.
325.	-0.54	-0.24	-0.13	-0.01	325.
330.	-0.57	-0.25	-0.12	-0.03	330.
335.	-0.54	-0.23	-0.11	-0.01	335.
340.	-0.50	-0.17	-0.07	-0.01	340.
345.	-0.15	-0.11	-0.02	-0.01	345.
350.	-0.10	-0.10	-0.05	-0.01	350.
355.	-0.50	-0.29	-0.13	-0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#902 CNTR#3. 175 TCN# 30. C.R.# 44.1

DIFFERENTIAL PRESSURES

SPAN STATION 70.8

AZ	CHORD STATION							AZ
DEG.	0.455	1.347	2.953	2.997	4.550	7.150	17.400	DEG.
3.	-1.34	-0.40	-0.71	-0.45	-0.32	-0.16	-0.05	3.
5.	-1.14	-0.42	-0.43	-0.36	-0.25	-0.13	-0.04	5.
10.	-0.49	-0.47	-0.42	-0.27	-0.17	-0.11	-0.01	10.
15.	-0.25	-0.13	-0.20	-0.14	-0.11	-0.05	-0.01	15.
20.	-0.15	-0.26	-0.22	-0.14	-0.10	-0.11	-0.05	20.
25.	-0.50	-0.38	-0.30	-0.23	-0.10	-0.10	-0.04	25.
30.	-0.51	-0.35	-0.27	-0.21	-0.10	-0.19	-0.02	30.
35.	-0.27	-0.21	-0.23	-0.14	-0.10	-0.08	-0.01	35.
40.	-0.11	-0.09	-0.14	-0.13	-0.05	-0.10	-0.02	40.
45.	-0.01	-0.05	-0.15	-0.10	-0.01	-0.10	-0.03	45.
50.	0.04	-0.03	-0.12	-0.07	0.01	-0.19	-0.03	50.
55.	0.07	-0.01	-0.10	-0.06	0.05	-0.04	-0.02	55.
60.	0.10	0.02	-0.09	-0.04	0.09	-0.04	-0.02	60.
65.	0.11	0.05	-0.08	-0.01	0.10	-0.07	-0.02	65.
70.	0.19	0.12	-0.05	0.02	0.13	-0.04	-0.01	70.
75.	0.10	0.20	0.00	0.04	0.17	-0.04	-0.01	75.
80.	0.42	0.20	0.07	0.10	0.22	-0.03	0.00	80.
85.	0.54	0.35	0.14	0.15	0.26	-0.01	0.01	85.
90.	0.64	0.42	0.19	0.16	0.29	-0.03	0.01	90.
95.	0.73	0.48	0.25	0.23	0.32	0.02	0.02	95.
100.	0.81	0.54	0.31	0.26	0.34	0.05	0.02	100.
105.	0.90	0.60	0.35	0.29	0.37	0.07	0.02	105.
110.	1.00	0.66	0.42	0.31	0.40	0.09	0.03	110.
115.	1.09	0.72	0.46	0.33	0.44	0.10	0.04	115.
120.	1.16	0.77	0.48	0.34	0.41	0.11	0.04	120.
125.	1.22	0.83	0.52	0.41	0.42	0.12	0.05	125.
130.	1.27	0.89	0.57	0.43	0.42	0.15	0.05	130.
135.	1.33	0.94	0.62	0.46	0.43	0.18	0.06	135.
140.	1.42	0.99	0.67	0.48	0.43	0.19	0.07	140.
145.	1.41	1.04	0.72	0.45	0.43	0.20	0.07	145.
150.	1.50	1.09	0.75	0.52	0.42	0.20	0.07	150.
155.	1.56	1.13	0.80	0.54	0.42	0.21	0.07	155.
160.	1.74	1.17	0.82	0.54	0.41	0.22	0.07	160.
165.	1.79	1.19	0.84	0.54	0.39	0.23	0.06	165.
170.	1.79	1.18	0.84	0.53	0.37	0.23	0.06	170.
175.	1.70	1.12	0.80	0.51	0.33	0.23	0.05	175.
180.	1.55	1.03	0.72	0.48	0.28	0.22	0.07	180.
185.	1.75	0.89	0.62	0.45	0.23	0.19	0.06	185.
190.	1.10	0.73	0.51	0.40	0.18	0.16	0.05	190.
195.	0.84	0.55	0.40	0.33	0.12	0.12	0.02	195.
200.	0.54	0.37	0.30	0.24	0.06	0.09	0.01	200.
205.	0.32	0.19	0.14	0.13	-0.01	0.05	0.00	205.
210.	0.11	0.03	0.10	0.04	-0.06	0.02	-0.02	210.
215.	-0.08	-0.09	0.01	-0.07	-0.10	0.00	-0.03	215.
220.	-0.27	-0.18	-0.05	-0.06	-0.13	-0.01	-0.01	220.
225.	-0.45	-0.24	-0.12	-0.10	-0.16	-0.02	-0.07	225.
230.	-0.59	-0.24	-0.14	-0.13	-0.21	-0.03	-0.03	230.
235.	-0.66	-0.25	-0.13	-0.15	-0.25	-0.04	-0.04	235.
240.	-0.71	-0.29	-0.12	-0.14	-0.28	-0.06	-0.03	240.
245.	-0.78	-0.37	-0.11	-0.10	-0.30	-0.07	-0.03	245.
250.	-0.88	-0.45	-0.10	-0.10	-0.31	-0.08	-0.03	250.
255.	-0.93	-0.53	-0.11	-0.10	-0.32	-0.09	-0.03	255.
260.	-0.93	-0.60	-0.17	-0.18	-0.31	-0.09	-0.02	260.
265.	-0.94	-0.64	-0.26	-0.18	-0.28	-0.09	-0.02	265.
270.	-0.97	-0.66	-0.38	-0.21	-0.26	-0.08	-0.02	270.
275.	-0.98	-0.67	-0.44	-0.24	-0.25	-0.07	-0.02	275.
280.	-0.98	-0.68	-0.47	-0.27	-0.25	-0.06	-0.03	280.
285.	-0.97	-0.67	-0.47	-0.29	-0.25	-0.05	-0.03	285.
290.	-0.96	-0.67	-0.45	-0.30	-0.24	-0.05	-0.02	290.
295.	-0.94	-0.66	-0.43	-0.31	-0.24	-0.05	-0.03	295.
300.	-0.94	-0.65	-0.43	-0.31	-0.24	-0.05	-0.03	300.
305.	-0.94	-0.65	-0.43	-0.31	-0.24	-0.05	-0.03	305.
310.	-0.94	-0.65	-0.43	-0.31	-0.24	-0.05	-0.03	310.
315.	-0.95	-0.65	-0.43	-0.31	-0.25	-0.05	-0.03	315.
320.	-0.95	-0.66	-0.43	-0.31	-0.25	-0.05	-0.03	320.
325.	-0.97	-0.67	-0.43	-0.31	-0.25	-0.05	-0.03	325.
330.	-0.97	-0.66	-0.42	-0.31	-0.25	-0.05	-0.03	330.
335.	-0.95	-0.65	-0.42	-0.32	-0.24	-0.05	-0.03	335.
340.	-1.01	-0.69	-0.45	-0.33	-0.24	-0.06	-0.03	340.
345.	-1.13	-0.80	-0.54	-0.37	-0.27	-0.09	-0.03	345.
350.	-1.30	-0.98	-0.68	-0.47	-0.34	-0.11	-0.04	350.
355.	-1.79	-1.24	-0.94	-0.59	-0.43	-0.17	-0.06	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CTR N7. 175 TCM= 36. C.R.= 44.1

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION							AZ
DEG.	0.455	1.240	1.950	2.690	3.550	4.150	10.400	DEG.
0.	-1.17	-0.67	-0.44	-0.31	-0.27	-0.11	-0.25	0.
5.	-1.20	-0.67	-0.55	-0.41	-0.30	-0.21	-0.04	5.
10.	-0.65	-0.43	-0.31	-0.23	-0.16	-0.12	-0.07	10.
15.	-0.45	-0.38	-0.28	-0.17	-0.13	-0.13	-0.08	15.
20.	-0.50	-0.43	-0.32	-0.21	-0.14	-0.14	-0.08	20.
25.	-0.50	-0.41	-0.28	-0.19	-0.09	-0.12	-0.08	25.
30.	-0.33	-0.30	-0.21	-0.14	-0.02	-0.13	-0.07	30.
35.	-0.11	-0.20	-0.17	-0.12	0.04	-0.11	-0.08	35.
40.	0.14	-0.10	-0.09	-0.06	0.09	-0.19	-0.10	40.
45.	0.49	0.07	0.03	0.03	0.16	-0.08	-0.10	45.
50.	0.50	0.21	0.14	0.08	0.22	-0.07	-0.09	50.
55.	0.66	0.24	0.16	0.11	0.25	-0.07	-0.08	55.
60.	0.71	0.25	0.15	0.11	0.26	-0.06	-0.08	60.
65.	0.72	0.26	0.14	0.10	0.26	-0.05	-0.07	65.
70.	0.71	0.25	0.13	0.08	0.25	-0.05	-0.07	70.
75.	0.70	0.25	0.11	0.07	0.24	-0.04	-0.07	75.
80.	0.69	0.24	0.09	0.06	0.24	-0.03	-0.06	80.
85.	0.69	0.24	0.08	0.06	0.24	-0.04	-0.06	85.
90.	0.71	0.24	0.10	0.06	0.23	-0.04	-0.06	90.
95.	0.72	0.23	0.11	0.07	0.23	-0.03	-0.05	95.
100.	0.72	0.25	0.13	0.08	0.24	-0.01	-0.04	100.
105.	0.71	0.29	0.14	0.09	0.24	0.01	-0.03	105.
110.	0.70	0.34	0.16	0.10	0.24	0.01	-0.03	110.
115.	0.69	0.35	0.14	0.10	0.23	0.02	-0.03	115.
120.	0.69	0.34	0.15	0.11	0.22	0.02	-0.02	120.
125.	0.69	0.34	0.15	0.11	0.21	0.02	-0.00	125.
130.	0.70	0.34	0.16	0.12	0.22	0.00	0.01	130.
135.	0.71	0.33	0.18	0.14	0.22	0.00	0.02	135.
140.	0.74	0.43	0.20	0.17	0.23	0.03	0.04	140.
145.	0.79	0.46	0.23	0.21	0.25	0.11	0.05	145.
150.	0.85	0.50	0.30	0.26	0.27	0.13	0.06	150.
155.	0.94	0.57	0.41	0.31	0.28	0.15	0.07	155.
160.	1.02	0.69	0.53	0.38	0.30	0.16	0.08	160.
165.	1.08	0.80	0.57	0.40	0.32	0.18	0.09	165.
170.	1.14	0.89	0.61	0.44	0.33	0.20	0.10	170.
175.	1.17	0.92	0.62	0.46	0.31	0.21	0.10	175.
180.	1.09	0.88	0.60	0.45	0.28	0.21	0.11	180.
185.	0.95	0.80	0.54	0.42	0.24	0.20	0.11	185.
190.	0.77	0.66	0.47	0.36	0.19	0.16	0.10	190.
195.	0.57	0.51	0.40	0.28	0.14	0.14	0.09	195.
200.	0.39	0.35	0.33	0.21	0.08	0.13	0.07	200.
205.	0.20	0.23	0.25	0.14	0.02	0.10	0.06	205.
210.	0.01	0.12	0.15	0.08	-0.03	0.08	0.06	210.
215.	-0.18	0.01	0.06	0.02	-0.07	0.06	0.06	215.
220.	-0.34	-0.09	-0.01	-0.03	-0.11	0.05	0.05	220.
225.	-0.45	-0.18	-0.05	-0.07	-0.14	0.04	0.05	225.
230.	-0.54	-0.27	-0.09	-0.10	-0.17	0.03	0.05	230.
235.	-0.64	-0.34	-0.14	-0.14	-0.20	0.02	0.04	235.
240.	-0.74	-0.39	-0.19	-0.16	-0.23	0.01	0.04	240.
245.	-0.82	-0.43	-0.23	-0.19	-0.25	-0.03	0.03	245.
250.	-0.90	-0.47	-0.27	-0.22	-0.29	-0.01	0.02	250.
255.	-0.93	-0.49	-0.29	-0.23	-0.31	-0.02	0.01	255.
260.	-0.96	-0.52	-0.32	-0.25	-0.32	-0.03	0.01	260.
265.	-1.00	-0.54	-0.34	-0.25	-0.34	-0.04	0.02	265.
270.	-1.02	-0.55	-0.35	-0.26	-0.34	-0.04	0.02	270.
275.	-1.05	-0.56	-0.36	-0.26	-0.35	-0.04	0.01	275.
280.	-1.07	-0.57	-0.37	-0.26	-0.34	-0.05	0.01	280.
285.	-1.08	-0.58	-0.38	-0.27	-0.34	-0.05	0.02	285.
290.	-1.10	-0.60	-0.39	-0.27	-0.34	-0.05	0.02	290.
295.	-1.10	-0.61	-0.40	-0.27	-0.34	-0.06	0.01	295.
300.	-1.11	-0.62	-0.41	-0.27	-0.33	-0.07	-0.00	300.
305.	-1.11	-0.63	-0.41	-0.28	-0.34	-0.07	-0.00	305.
310.	-1.10	-0.63	-0.41	-0.28	-0.34	-0.07	-0.01	310.
315.	-1.08	-0.62	-0.41	-0.28	-0.33	-0.09	-0.02	315.
320.	-1.04	-0.59	-0.39	-0.26	-0.30	-0.08	-0.01	320.
325.	-0.97	-0.54	-0.37	-0.23	-0.27	-0.07	-0.01	325.
330.	-0.89	-0.54	-0.34	-0.20	-0.24	-0.05	-0.01	330.
335.	-0.70	-0.46	-0.24	-0.15	-0.20	-0.03	-0.01	335.
340.	-0.28	-0.09	-0.04	0.03	-0.09	0.00	0.02	340.
345.	0.54	0.53	0.34	0.24	0.05	0.05	0.02	345.
350.	1.22	0.85	0.50	0.33	0.14	0.04	-0.02	350.
355.	0.74	0.37	0.33	0.17	0.07	-0.01	-0.05	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=532 CNTR NO. 175 TCM= 36. C.R.= 44.1

D I F F E R E N T I A L P R E S S U R E S

SPAN STATION 15.3

AZ	CHORD STATION							AZ
DEG.	2.555	1.040	1.920	2.290	4.530	7.130	10.560	DEG.
5.	-0.35	-0.36	-0.21	-0.23	-0.13	-0.05	-0.02	0.
5.	-0.34	-0.39	-0.13	-0.14	-0.08	-0.32	-0.01	5.
10.	-0.19	-0.31	-0.22	-0.17	-0.08	-0.06	-0.32	10.
15.	-0.39	-0.43	-0.31	-0.26	-0.11	-0.08	-0.33	15.
20.	-0.10	-0.25	-0.24	-0.13	-0.10	-0.09	-0.03	20.
25.	0.13	-0.06	-0.13	-0.06	-0.34	-0.10	-0.03	25.
30.	0.34	0.19	-0.05	0.03	0.30	-0.37	-0.04	30.
35.	0.54	0.39	0.09	0.18	0.39	-0.34	-0.34	35.
40.	0.87	0.67	0.27	0.33	0.19	-0.01	-0.32	40.
45.	1.12	0.92	0.38	0.44	0.27	0.02	-0.01	45.
50.	1.22	1.05	0.45	0.51	0.32	0.03	-0.00	50.
55.	1.23	1.07	0.51	0.56	0.36	0.35	0.02	55.
60.	1.17	1.01	0.52	0.57	0.37	0.01	0.01	60.
65.	1.04	0.89	0.45	0.56	0.36	-0.31	-0.01	65.
70.	0.80	0.75	0.34	0.52	0.33	-0.02	-0.03	70.
75.	0.55	0.60	0.23	0.48	0.32	-0.03	-0.04	75.
80.	0.33	0.30	0.15	0.43	0.30	-0.08	-0.04	80.
85.	0.19	0.43	0.08	0.39	0.26	-0.12	-0.04	85.
90.	0.09	0.39	0.04	0.34	0.22	-0.14	-0.04	90.
95.	0.04	0.44	0.01	0.34	0.19	-0.14	-0.04	95.
100.	-0.01	0.47	0.01	0.31	0.16	-0.13	-0.05	100.
105.	-0.07	0.39	-0.01	0.28	0.12	-0.13	-0.04	105.
110.	-0.23	0.28	-0.11	0.23	0.07	-0.15	-0.08	110.
115.	-0.39	0.19	-0.23	0.14	0.12	-0.17	-0.08	115.
120.	-0.55	0.12	-0.35	0.06	-0.02	-0.19	-0.08	120.
125.	-0.72	-0.03	-0.44	-0.00	-0.05	-0.23	-0.08	125.
130.	-0.83	-0.10	-0.50	-0.05	-0.04	-0.21	-0.07	130.
135.	-0.83	-0.19	-0.49	-0.04	-0.04	-0.23	-0.04	135.
140.	-0.72	-0.13	-0.41	-0.04	-0.04	-0.17	-0.05	140.
145.	-0.54	-0.07	-0.33	-0.00	-0.03	-0.13	-0.03	145.
150.	-0.37	0.04	-0.18	0.06	0.04	-0.09	-0.02	150.
155.	-0.15	0.16	-0.05	0.12	0.10	-0.04	-0.03	155.
160.	0.06	0.22	0.07	0.19	0.17	-0.03	0.01	160.
165.	0.26	0.25	0.17	0.25	0.24	0.05	0.02	165.
170.	0.41	0.25	0.26	0.28	0.30	0.08	0.03	170.
175.	0.53	0.25	0.32	0.30	0.28	0.13	0.04	175.
180.	0.61	0.26	0.35	0.29	0.23	0.11	0.04	180.
185.	0.60	0.25	0.36	0.26	0.17	0.12	0.04	185.
190.	0.55	0.22	0.34	0.20	0.13	0.11	0.04	190.
195.	0.44	0.17	0.31	0.15	0.10	0.11	0.04	195.
200.	0.36	0.10	0.27	0.10	0.04	0.10	0.04	200.
205.	0.23	0.02	0.22	0.04	0.00	0.09	0.04	205.
210.	0.15	-0.07	0.15	-0.01	-0.03	0.08	0.04	210.
215.	0.05	-0.16	0.11	-0.08	-0.04	0.08	0.04	215.
220.	-0.04	-0.23	0.05	-0.14	-0.08	0.07	0.04	220.
225.	-0.11	-0.28	0.02	-0.18	-0.11	0.07	0.04	225.
230.	-0.16	-0.32	-0.01	-0.21	-0.13	0.07	0.04	230.
235.	-0.20	-0.35	-0.03	-0.23	-0.14	0.07	0.04	235.
240.	-0.23	-0.37	-0.04	-0.24	-0.16	0.07	0.04	240.
245.	-0.25	-0.37	-0.04	-0.29	-0.17	0.07	0.04	245.
250.	-0.25	-0.37	-0.04	-0.31	-0.19	0.08	0.03	250.
255.	-0.25	-0.37	-0.03	-0.31	-0.20	0.07	0.03	255.
260.	-0.23	-0.36	-0.02	-0.31	-0.22	0.07	0.02	260.
265.	-0.22	-0.35	-0.01	-0.29	-0.23	0.07	0.02	265.
270.	-0.20	-0.34	-0.01	-0.28	-0.23	0.07	0.02	270.
275.	-0.18	-0.34	-0.01	-0.28	-0.23	0.08	0.02	275.
280.	-0.19	-0.34	-0.01	-0.27	-0.23	0.08	0.02	280.
285.	-0.20	-0.35	-0.01	-0.28	-0.22	0.08	0.02	285.
290.	-0.21	-0.36	-0.01	-0.28	-0.22	0.09	0.01	290.
295.	-0.21	-0.37	-0.03	-0.31	-0.19	0.09	0.01	295.
300.	-0.20	-0.38	-0.01	-0.31	-0.18	0.09	0.04	300.
305.	-0.18	-0.37	-0.01	-0.29	-0.17	0.09	0.05	305.
310.	-0.16	-0.33	-0.03	-0.26	-0.16	0.09	0.02	310.
315.	-0.16	-0.30	-0.05	-0.26	-0.15	0.09	0.05	315.
320.	-0.18	-0.21	-0.09	-0.28	-0.14	0.09	0.04	320.
325.	-0.21	-0.13	-0.13	-0.27	-0.14	0.07	0.03	325.
330.	-0.22	-0.15	-0.15	-0.26	-0.12	0.06	0.03	330.
335.	-0.16	-0.29	-0.14	-0.24	-0.09	0.05	0.02	335.
340.	-0.18	-0.24	-0.15	-0.24	-0.09	0.04	0.02	340.
345.	-0.33	-0.35	-0.18	-0.28	-0.13	0.02	-0.00	345.
350.	-0.75	-0.72	-0.42	-0.43	-0.28	-0.04	-0.03	350.
355.	-1.19	-0.45	-0.53	-0.48	-0.38	-0.13	-0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-592 CTR NO. 175 TCN# 30. C.R. = 44.1

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
066.	0.00	1.000	1.950	2.900	4.550	7.150	10.000	066.
9.	0.37	0.37	0.27	0.19	0.09	0.33	0.02	9.
9.	-0.32	0.01	-0.10	0.06	-0.34	-0.34	0.01	9.
13.	-0.30	-0.04	-0.12	0.02	-0.33	-0.05	0.03	10.
13.	0.03	0.01	-0.07	0.05	-0.02	-0.34	0.02	15.
23.	0.23	0.10	0.03	0.00	-0.01	-0.36	0.01	25.
23.	0.45	0.23	0.27	0.26	-0.31	-0.06	0.01	25.
37.	0.64	0.33	0.15	0.20	0.03	-0.39	0.02	30.
37.	0.27	0.04	0.31	0.17	0.11	0.35	0.04	35.
40.	0.07	0.04	0.49	0.26	0.21	0.11	0.35	40.
45.	1.30	0.02	0.04	0.34	0.30	0.15	0.06	45.
50.	1.04	0.00	0.75	0.39	0.33	0.16	0.35	50.
55.	1.43	0.09	0.79	0.42	0.33	0.15	0.35	55.
65.	1.32	0.79	0.76	0.37	0.29	0.12	0.05	65.
65.	1.12	0.61	0.04	0.31	0.22	0.08	0.04	65.
75.	0.07	0.39	0.53	0.22	0.15	0.33	0.02	75.
75.	0.59	0.13	0.33	0.10	0.08	-0.32	-0.30	75.
85.	0.31	-0.15	0.16	-0.02	-0.02	-0.06	-0.01	85.
85.	0.06	-0.39	-0.27	-0.13	-0.10	-0.10	-0.01	85.
92.	-0.19	-0.63	-0.32	-0.22	-0.20	-0.13	-0.01	92.
95.	-0.43	-0.07	-0.57	-0.10	-0.37	-0.15	-0.01	95.
100.	-0.71	-1.11	-0.02	-0.39	-0.43	-0.19	-0.32	100.
105.	-1.30	-1.32	-1.03	-0.94	-0.40	-0.21	-0.34	105.
110.	-1.26	-1.52	-1.10	-0.64	-0.55	-0.23	-0.05	110.
115.	-1.47	-1.60	-1.33	-0.60	-0.61	-0.25	-0.05	115.
120.	-1.60	-1.70	-1.43	-0.73	-0.64	-0.26	-0.06	120.
125.	-1.69	-1.80	-1.45	-0.75	-0.69	-0.26	-0.06	125.
130.	-1.71	-1.79	-1.42	-0.76	-0.69	-0.25	-0.06	130.
135.	-1.67	-1.72	-1.34	-0.72	-0.64	-0.26	-0.06	135.
140.	-1.57	-1.57	-1.23	-0.60	-0.58	-0.21	-0.05	140.
145.	-1.44	-1.37	-1.11	-0.62	-0.49	-0.18	-0.05	145.
150.	-1.25	-1.14	-0.95	-0.56	-0.43	-0.16	-0.05	150.
155.	-1.03	-0.90	-0.70	-0.40	-0.30	-0.12	-0.04	155.
160.	-0.80	-0.70	-0.50	-0.39	-0.31	-0.36	-0.03	160.
165.	-0.56	-0.60	-0.39	-0.31	-0.21	-0.02	-0.02	165.
170.	-0.32	-0.50	-0.24	-0.22	-0.11	0.32	-0.01	170.
175.	-0.19	-0.18	-0.12	-0.16	-0.03	0.04	-0.01	175.
185.	-0.26	0.01	-0.03	-0.06	0.33	0.35	-0.30	180.
185.	0.34	0.14	0.04	-0.03	0.07	0.34	-0.00	185.
190.	0.10	0.21	0.04	0.00	0.09	0.25	-0.00	190.
195.	0.11	0.25	0.11	0.32	0.10	0.34	-0.01	195.
200.	0.10	0.26	0.14	0.23	0.10	0.36	-0.01	200.
205.	0.07	0.25	0.15	0.04	0.10	0.33	-0.01	205.
210.	0.23	0.23	0.16	0.04	0.04	0.33	-0.02	210.
215.	-0.02	0.23	0.16	0.04	0.09	0.32	-0.02	215.
220.	-0.07	0.23	0.16	0.04	0.09	0.02	-0.02	220.
225.	-0.11	0.23	0.17	0.04	0.09	0.03	-0.02	225.
230.	-0.12	0.25	0.18	0.05	0.10	0.03	-0.02	230.
235.	-0.10	0.27	0.19	0.04	0.11	0.04	-0.01	235.
240.	-0.07	0.31	0.22	0.07	0.13	0.05	-0.01	240.
245.	-0.03	0.34	0.25	0.10	0.16	0.05	0.00	245.
250.	0.02	0.41	0.27	0.14	0.19	0.34	0.00	250.
255.	0.06	0.47	0.37	0.18	0.22	0.36	0.01	255.
260.	0.12	0.52	0.43	0.22	0.23	0.37	0.01	260.
265.	0.20	0.54	0.47	0.25	0.25	0.37	0.01	265.
270.	0.25	0.60	0.51	0.26	0.24	0.38	0.01	270.
275.	0.31	0.63	0.53	0.27	0.25	0.39	0.02	275.
280.	0.37	0.65	0.53	0.28	0.26	0.39	0.02	280.
285.	0.42	0.64	0.53	0.29	0.27	0.39	0.02	285.
290.	0.45	0.60	0.51	0.29	0.27	0.39	0.02	290.
295.	0.43	0.63	0.49	0.30	0.25	0.39	0.02	295.
300.	0.40	0.62	0.47	0.29	0.23	0.39	0.02	300.
305.	0.40	0.60	0.45	0.29	0.23	0.39	0.02	305.
310.	0.42	0.61	0.44	0.28	0.24	0.39	0.02	310.
315.	0.45	0.63	0.44	0.28	0.25	0.39	0.03	315.
320.	0.48	0.63	0.44	0.28	0.25	0.39	0.03	320.
325.	0.44	0.59	0.42	0.28	0.24	0.39	0.03	325.
330.	0.43	0.52	0.36	0.28	0.22	0.39	0.03	330.
335.	0.42	0.43	0.29	0.27	0.18	0.39	0.03	335.
340.	0.40	0.31	0.22	0.24	0.13	0.39	0.02	340.
345.	0.36	0.27	0.18	0.22	0.13	0.39	0.02	345.
350.	0.35	0.27	0.22	0.22	0.13	0.39	0.02	350.
355.	0.37	0.44	0.23	0.22	0.12	0.39	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#502 CNTR NO. 175 TCN# 35. C.R.# 44.1

DIFFERENTIAL PRESSURES

SPAN STATION 109.2

AZ	CHORD STATION							AZ
DEG.	3.455	1.040	1.957	2.797	4.550	7.152	10.400	DEG.
3.	7.48	0.35	0.30	0.25	0.17	0.39	0.64	0.
5.	0.13	0.21	0.16	0.14	0.11	0.22	0.31	5.
10.	0.13	0.18	0.14	0.14	0.19	-0.21	-0.01	10.
15.	7.27	0.22	0.18	0.13	0.25	-0.31	0.20	15.
20.	0.42	0.31	0.18	0.11	0.29	-0.03	0.01	20.
25.	0.56	0.40	0.24	0.12	0.33	-0.35	0.01	25.
30.	0.78	0.52	0.35	0.19	0.43	-0.35	0.01	30.
35.	0.98	0.69	0.50	0.30	0.5	-0.02	0.01	35.
40.	1.18	0.88	0.72	0.44	0.4	0.23	0.03	40.
45.	1.33	1.04	0.93	0.56	0.47	0.28	0.05	45.
50.	1.41	1.15	1.08	0.62	0.47	0.10	0.03	50.
55.	1.39	1.11	1.15	0.63	0.51	0.08	0.01	55.
60.	1.24	0.89	1.19	0.55	0.56	0.04	-0.00	60.
65.	1.05	0.64	1.13	0.41	0.54	-0.23	-0.02	65.
70.	0.63	0.39	0.93	0.26	0.44	-0.12	-0.05	70.
75.	0.22	0.18	0.62	0.10	0.28	-0.16	-0.08	75.
80.	-0.16	-0.25	0.25	-0.09	0.17	-0.23	-0.10	80.
85.	-0.50	-0.58	-0.16	-0.35	0.06	-0.30	-0.11	85.
90.	-0.83	-0.83	-0.56	-0.62	-0.03	-0.35	-0.10	90.
95.	-1.19	-1.27	-0.87	-0.86	-0.13	-0.36	-0.09	95.
100.	-1.57	-1.30	-1.12	-1.25	-0.21	-0.36	-0.10	100.
105.	-1.90	-1.54	-1.33	-1.15	-0.30	-0.37	-0.11	105.
110.	-2.14	-1.76	-1.48	-1.21	-0.37	-0.38	-0.11	110.
115.	-2.31	-1.93	-1.59	-1.26	-0.41	-0.39	-0.11	115.
120.	-2.42	-2.00	-1.65	-1.28	-0.42	-0.40	-0.11	120.
125.	-2.47	-2.00	-1.67	-1.27	-0.41	-0.39	-0.10	125.
130.	-2.47	-1.93	-1.65	-1.23	-0.40	-0.37	-0.10	130.
135.	-2.47	-1.84	-1.58	-1.17	-0.39	-0.34	-0.09	135.
140.	-2.41	-1.72	-1.48	-1.09	-0.38	-0.32	-0.08	140.
145.	-2.28	-1.56	-1.33	-0.99	-0.36	-0.26	-0.06	145.
150.	-2.10	-1.34	-1.14	-0.86	-0.32	-0.22	-0.05	150.
155.	-1.88	-1.04	-0.91	-0.72	-0.26	-0.17	-0.04	155.
160.	-1.64	-0.75	-0.69	-0.55	-0.20	-0.13	-0.02	160.
165.	-1.41	-0.44	-0.59	-0.38	-0.15	-0.08	-0.01	165.
170.	-1.17	-0.16	-0.36	-0.25	-0.12	-0.06	-0.02	170.
175.	-0.92	-0.09	-0.24	-0.16	-0.09	-0.01	0.00	175.
180.	-0.73	0.19	-0.15	-0.06	-0.11	0.02	0.01	180.
185.	-0.50	0.10	-0.07	-0.02	-0.13	0.04	0.01	185.
190.	-0.32	-0.23	-0.01	0.03	-0.14	0.05	0.01	190.
195.	0.23	0.03	0.03	0.06	-0.14	0.04	0.01	195.
200.	0.55	0.08	0.05	0.07	-0.13	0.07	0.01	200.
205.	0.76	0.10	0.05	0.08	-0.13	0.08	0.01	205.
210.	0.96	0.10	0.04	0.09	-0.14	0.08	0.01	210.
215.	1.05	0.10	0.03	0.11	-0.17	0.08	0.01	215.
220.	1.05	0.09	0.01	0.13	-0.19	0.09	0.01	220.
225.	1.06	0.08	0.02	0.15	-0.21	0.09	0.02	225.
230.	1.08	0.10	0.04	0.17	-0.22	0.12	0.02	230.
235.	1.12	0.14	0.06	0.18	-0.22	0.11	0.03	235.
240.	1.18	0.18	0.09	0.19	-0.22	0.13	0.04	240.
245.	1.25	0.24	0.13	0.21	-0.20	0.14	0.04	245.
250.	1.34	0.30	0.19	0.26	-0.18	0.15	0.04	250.
255.	1.48	0.38	0.25	0.34	-0.16	0.17	0.05	255.
260.	1.64	0.48	0.31	0.41	-0.14	0.18	0.05	260.
265.	1.71	0.54	0.38	0.45	-0.13	0.19	0.04	265.
270.	1.82	0.63	0.45	0.48	-0.13	0.20	0.05	270.
275.	1.91	0.77	0.52	0.49	-0.12	0.21	0.05	275.
280.	2.00	0.74	0.55	0.52	-0.07	0.22	0.05	280.
285.	2.01	0.76	0.54	0.51	0.01	0.23	0.05	285.
290.	2.01	0.75	0.52	0.51	0.07	0.22	0.05	290.
295.	2.07	0.74	0.51	0.48	0.11	0.21	0.05	295.
300.	2.02	0.73	0.51	0.47	0.13	0.19	0.05	300.
305.	1.99	0.72	0.51	0.46	0.15	0.19	0.05	305.
310.	1.94	0.73	0.51	0.48	0.20	0.20	0.06	310.
315.	1.80	0.76	0.54	0.51	0.24	0.21	0.06	315.
320.	1.68	0.80	0.56	0.52	0.25	0.22	0.07	320.
325.	1.60	0.79	0.55	0.54	0.24	0.22	0.07	325.
330.	1.63	0.74	0.52	0.52	0.21	0.21	0.07	330.
335.	1.84	0.67	0.43	0.44	0.13	0.18	0.06	335.
340.	2.07	0.58	0.39	0.38	0.03	0.16	0.05	340.
345.	2.04	0.40	0.41	0.39	-0.01	0.16	0.04	345.
350.	1.81	0.78	0.51	0.49	0.11	0.18	0.07	350.
355.	1.00	0.77	0.38	0.51	0.20	0.18	0.06	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=902 CTR NO. 175 TCN= 16. C.R.= 44.1

DIFFERENTIAL PRESSURES

SPAN STATION 199.5

AZ	CORD STATION							AZ
DEG.	0.555	1.240	1.950	2.900	4.550	7.150	10.400	DEG.
0.	0.76	0.55	0.15	0.10	0.07	0.39	-0.01	3.
5.	0.23	0.21	-0.06	0.33	0.04	0.34	-0.01	8.
10.	0.31	0.20	-0.05	0.30	0.02	0.01	-0.03	13.
15.	0.43	0.40	0.03	-0.73	0.01	-0.32	-0.05	18.
20.	0.22	0.45	0.06	-0.07	0.04	-0.05	-0.06	23.
25.	0.67	0.52	0.07	-0.05	0.09	-0.07	-0.07	28.
30.	0.06	0.64	0.17	0.32	0.16	-0.38	-0.07	33.
35.	0.06	0.79	0.30	0.19	0.23	-0.06	-0.06	38.
40.	1.07	0.97	0.46	0.33	0.29	-0.05	-0.05	43.
45.	1.19	1.13	0.68	0.45	0.34	-0.06	-0.06	48.
50.	1.12	1.21	1.21	0.51	0.36	-0.29	-0.08	53.
55.	1.14	1.21	2.03	0.93	0.33	-0.16	-0.10	58.
60.	1.18	1.05	2.27	0.51	0.27	-0.20	-0.11	63.
65.	0.09	0.76	2.05	0.53	0.19	-0.26	-0.16	68.
70.	0.50	0.42	1.62	0.63	0.09	-0.31	-0.11	73.
75.	0.03	0.04	1.22	0.70	-0.02	-0.35	-0.13	78.
80.	-0.22	-0.33	0.03	0.02	-0.11	-0.39	-0.14	83.
85.	-1.00	-0.74	0.61	0.24	-0.16	-0.41	-0.12	88.
90.	-1.55	-1.13	0.24	-0.32	-0.20	-0.42	-0.07	93.
95.	-1.95	-1.47	-0.23	-0.06	-0.23	-0.42	-0.06	98.
100.	-2.29	-1.71	-0.75	-0.06	-0.28	-0.42	-0.09	103.
105.	-2.55	-1.87	-1.32	-0.04	-0.34	-0.42	-0.09	108.
110.	-2.75	-1.09	-1.74	-0.03	-0.38	-0.43	-0.08	113.
115.	-2.09	-2.00	-1.05	-1.01	-0.43	-0.44	-0.36	118.
120.	-2.00	-2.12	-1.67	-1.00	-0.46	-0.45	-0.35	123.
125.	-3.01	-2.12	-1.09	-1.10	-0.49	-0.45	-0.04	128.
130.	-2.95	-2.07	-1.02	-1.10	-0.49	-0.45	-0.04	133.
135.	-2.64	-1.98	-1.79	-1.07	-0.47	-0.42	-0.07	138.
140.	-2.66	-1.86	-1.57	-1.02	-0.44	-0.38	-0.07	143.
145.	-2.42	-1.67	-1.43	-0.95	-0.39	-0.32	-0.07	148.
150.	-2.16	-1.45	-1.29	-0.87	-0.34	-0.26	-0.06	153.
155.	-1.83	-1.21	-1.12	-0.76	-0.28	-0.20	-0.05	158.
160.	-1.52	-0.98	-0.95	-0.65	-0.22	-0.15	-0.04	163.
165.	-1.22	-0.77	-0.76	-0.51	-0.16	-0.10	-0.01	168.
170.	-0.92	-0.59	-0.62	-0.36	-0.11	-0.05	0.01	173.
175.	-0.65	-0.41	-0.44	-0.22	-0.06	-0.03	0.03	178.
180.	-0.40	-0.26	-0.37	-0.13	-0.02	0.05	0.04	183.
185.	-0.19	-0.15	-0.20	-0.08	-0.01	0.07	0.04	188.
190.	-0.07	-0.06	-0.21	-0.04	-0.01	0.09	0.04	193.
195.	-0.02	-0.00	-0.15	-0.01	-0.01	0.09	0.04	198.
200.	0.01	0.03	0.00	0.01	-0.02	0.10	0.04	203.
205.	0.02	0.05	-0.10	0.02	-0.03	0.11	0.04	208.
210.	0.04	0.05	-0.09	0.03	-0.03	0.12	0.04	213.
215.	0.06	0.04	-0.08	0.04	-0.04	0.14	0.05	218.
220.	0.09	0.04	-0.07	0.05	-0.04	0.16	0.06	223.
225.	0.12	0.04	-0.06	0.06	-0.03	0.18	0.06	228.
230.	0.18	0.06	-0.05	0.08	-0.03	0.22	0.07	233.
235.	0.24	0.08	-0.02	0.11	-0.02	0.21	0.07	238.
240.	0.32	0.11	0.02	0.15	-0.01	0.22	0.08	243.
245.	0.42	0.17	0.08	0.19	0.02	0.24	0.08	248.
250.	0.55	0.25	0.14	0.24	0.06	0.25	0.09	253.
255.	0.68	0.34	0.21	0.29	0.09	0.27	0.09	258.
260.	0.82	0.43	0.27	0.32	0.12	0.29	0.09	263.
265.	0.97	0.56	0.33	0.35	0.14	0.31	0.09	268.
270.	1.14	0.67	0.37	0.38	0.15	0.32	0.09	273.
275.	1.28	0.77	0.46	0.43	0.17	0.33	0.09	278.
280.	1.40	0.86	0.51	0.47	0.17	0.33	0.09	283.
285.	1.44	0.91	0.51	0.50	0.19	0.32	0.09	288.
290.	1.44	0.95	0.49	0.47	0.18	0.31	0.08	293.
295.	1.37	0.92	0.46	0.41	0.18	0.30	0.08	298.
300.	1.27	0.86	0.43	0.36	0.19	0.29	0.07	303.
305.	1.22	0.81	0.41	0.35	0.20	0.29	0.07	308.
310.	1.20	0.78	0.40	0.37	0.21	0.29	0.07	313.
315.	1.17	0.85	0.42	0.41	0.21	0.30	0.07	318.
320.	1.44	0.93	0.50	0.45	0.22	0.30	0.07	323.
325.	1.53	0.98	0.54	0.48	0.22	0.30	0.07	328.
330.	1.43	0.99	0.51	0.46	0.22	0.29	0.06	333.
335.	1.25	0.96	0.42	0.39	0.19	0.26	0.06	338.
340.	1.15	0.90	0.36	0.33	0.17	0.23	0.03	343.
345.	1.27	0.96	0.37	0.36	0.18	0.22	0.03	348.
350.	1.66	1.08	0.52	0.43	0.20	0.22	0.03	353.
355.	1.67	0.99	0.49	0.31	0.16	0.17	0.01	358.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=532 CNTR NO. 108 TCN= 17. C.R.= 45.1

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ	CHORD STATION				AZ
DEG.	2.455	1.920	4.220	10.400	DEG.
3.	-0.82	-0.41	-0.19	-0.02	0.
5.	-0.80	-0.37	-0.18	-0.00	5.
10.	-0.69	-0.35	-0.14	0.00	10.
15.	-0.57	-0.25	-0.10	-0.01	15.
20.	-0.18	-0.09	-0.03	-0.02	20.
25.	0.28	0.04	0.00	-0.03	25.
30.	0.05	-0.09	-0.08	-0.05	30.
35.	-0.27	-0.20	-0.13	-0.05	35.
40.	-0.27	-0.19	-0.08	-0.04	40.
45.	-0.02	-0.09	-0.02	-0.04	45.
50.	0.17	0.01	0.01	-0.04	50.
55.	0.22	0.01	0.02	-0.04	55.
60.	0.20	0.00	0.02	-0.04	60.
65.	0.20	0.00	0.02	-0.03	65.
70.	0.24	0.05	0.04	-0.04	70.
75.	0.30	0.09	0.06	-0.04	75.
80.	0.38	0.13	0.08	-0.03	80.
85.	0.45	0.17	0.11	-0.02	85.
90.	0.54	0.21	0.14	-0.01	90.
95.	0.63	0.26	0.16	-0.00	95.
100.	0.73	0.31	0.21	0.00	100.
105.	0.85	0.38	0.24	0.01	105.
110.	0.99	0.42	0.27	0.02	110.
115.	1.05	0.48	0.30	0.04	115.
120.	1.12	0.52	0.33	0.04	120.
125.	1.17	0.56	0.35	0.05	125.
130.	1.21	0.59	0.37	0.05	130.
135.	1.23	0.60	0.38	0.04	135.
140.	1.23	0.61	0.38	0.04	140.
145.	1.22	0.61	0.37	0.04	145.
150.	1.20	0.59	0.36	0.04	150.
155.	1.15	0.56	0.34	0.04	155.
160.	1.09	0.53	0.31	0.04	160.
165.	1.00	0.48	0.27	0.04	165.
170.	0.89	0.42	0.22	0.04	170.
175.	0.76	0.33	0.17	0.04	175.
180.	0.59	0.25	0.13	0.04	180.
185.	0.32	0.16	0.10	0.04	185.
190.	0.07	0.09	0.07	0.04	190.
195.	-0.12	0.04	0.04	0.04	195.
200.	-0.22	0.01	-0.01	0.04	200.
205.	-0.25	0.04	-0.07	0.03	205.
210.	-0.36	0.07	-0.13	0.03	210.
215.	-0.49	0.05	-0.17	0.03	215.
220.	-0.60	-0.05	-0.18	0.02	220.
225.	-0.65	-0.16	-0.18	0.01	225.
230.	-0.68	-0.22	-0.18	0.01	230.
235.	-0.69	-0.26	-0.18	-0.00	235.
240.	-0.69	-0.27	-0.18	-0.00	240.
245.	-0.67	-0.27	-0.18	-0.01	245.
250.	-0.64	-0.28	-0.18	-0.01	250.
255.	-0.61	-0.29	-0.19	-0.01	255.
260.	-0.59	-0.30	-0.19	-0.01	260.
265.	-0.59	-0.30	-0.19	-0.01	265.
270.	-0.59	-0.30	-0.19	-0.01	270.
275.	-0.59	-0.30	-0.18	-0.01	275.
280.	-0.59	-0.30	-0.18	-0.01	280.
285.	-0.59	-0.30	-0.17	-0.01	285.
290.	-0.60	-0.30	-0.17	-0.01	290.
295.	-0.60	-0.29	-0.16	-0.02	295.
300.	-0.56	-0.29	-0.16	-0.02	300.
305.	-0.54	-0.29	-0.15	-0.02	305.
310.	-0.55	-0.30	-0.15	-0.02	310.
315.	-0.57	-0.31	-0.14	-0.01	315.
320.	-0.51	-0.33	-0.15	-0.00	320.
325.	-0.68	-0.34	-0.16	-0.01	325.
330.	-0.64	-0.33	-0.16	-0.01	330.
335.	-0.51	-0.29	-0.14	-0.04	335.
340.	-0.36	-0.23	-0.12	-0.03	340.
345.	-0.26	-0.17	-0.11	-0.02	345.
350.	-0.46	-0.22	-0.14	-0.02	350.
355.	-0.72	-0.35	-0.17	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CNTR NO. 1AR TCN= 37. C.P.= 45.1

DIFFERENTIAL PRESSURES

SPAN STATION 70.0

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.952	2.990	4.350	7.150	10.420	DEG.
3.	-0.09	-0.09	-0.52	-0.34	-0.26	-0.14	-0.02	3.
5.	-0.08	-0.55	-0.47	-0.32	-0.22	-0.15	-0.05	5.
10.	-0.37	-0.40	-0.44	-0.31	-0.20	-0.14	-0.02	10.
15.	-0.05	-0.37	-0.48	-0.33	-0.21	-0.15	-0.04	15.
20.	-0.02	-0.37	-0.46	-0.32	-0.20	-0.14	-0.04	20.
25.	-0.03	-0.47	-0.39	-0.28	-0.18	-0.13	-0.04	25.
30.	-0.30	-0.29	-0.29	-0.21	-0.10	-0.11	-0.02	30.
35.	-0.20	-0.16	-0.24	-0.17	-0.09	-0.11	-0.03	35.
40.	-0.09	-0.09	-0.21	-0.14	-0.05	-0.13	-0.04	40.
45.	-0.27	-0.03	-0.17	-0.11	-0.00	-0.09	-0.04	45.
50.	0.04	0.01	-0.11	-0.09	0.04	-0.09	-0.03	50.
55.	0.10	0.05	-0.13	-0.06	0.05	-0.08	-0.03	55.
60.	0.16	0.07	-0.03	-0.03	0.07	-0.07	-0.02	60.
65.	0.26	0.13	-0.01	0.01	0.12	-0.05	-0.02	65.
70.	0.37	0.22	0.05	0.05	0.18	-0.03	-0.00	70.
75.	0.49	0.32	0.12	0.16	0.21	-0.02	0.00	75.
80.	0.61	0.41	0.10	0.15	0.29	0.02	0.00	80.
85.	0.73	0.49	0.25	0.20	0.29	0.03	0.00	85.
90.	0.86	0.57	0.31	0.25	0.34	0.05	0.02	90.
95.	0.98	0.65	0.38	0.29	0.38	0.07	0.03	95.
100.	1.10	0.73	0.44	0.34	0.41	0.09	0.04	100.
105.	1.20	0.82	0.49	0.39	0.43	0.10	0.04	105.
110.	1.29	0.89	0.55	0.43	0.43	0.12	0.04	110.
115.	1.37	0.91	0.60	0.47	0.44	0.13	0.04	115.
120.	1.45	0.94	0.64	0.50	0.46	0.15	0.05	120.
125.	1.52	1.02	0.69	0.53	0.47	0.16	0.06	125.
130.	1.58	1.10	0.73	0.54	0.47	0.20	0.08	130.
135.	1.64	1.14	0.76	0.55	0.47	0.21	0.08	135.
140.	1.72	1.18	0.79	0.55	0.46	0.22	0.07	140.
145.	1.79	1.18	0.82	0.55	0.44	0.22	0.07	145.
150.	1.85	1.21	0.84	0.56	0.43	0.23	0.08	150.
155.	1.89	1.25	0.85	0.56	0.42	0.23	0.08	155.
160.	1.90	1.26	0.87	0.56	0.41	0.24	0.08	160.
165.	1.86	1.25	0.87	0.56	0.39	0.24	0.08	165.
170.	1.78	1.19	0.84	0.55	0.36	0.24	0.07	170.
175.	1.63	1.10	0.78	0.51	0.33	0.23	0.07	175.
180.	1.45	0.97	0.69	0.45	0.28	0.21	0.06	180.
185.	1.22	0.80	0.59	0.38	0.21	0.17	0.05	185.
190.	0.95	0.62	0.45	0.30	0.15	0.14	0.03	190.
195.	0.67	0.42	0.27	0.21	0.09	0.10	0.02	195.
200.	0.39	0.23	0.19	0.12	0.03	0.07	0.01	200.
205.	0.13	0.06	0.10	0.03	-0.02	0.04	0.00	205.
210.	-0.08	-0.04	-0.06	-0.02	-0.04	0.02	0.00	210.
215.	-0.30	-0.15	-0.05	-0.08	-0.10	0.00	0.00	215.
220.	-0.52	-0.19	-0.05	-0.11	-0.15	-0.01	-0.00	220.
225.	-0.70	-0.19	-0.01	-0.12	-0.20	-0.03	-0.02	225.
230.	-0.71	-0.23	0.05	-0.12	-0.26	-0.04	-0.02	230.
235.	-0.77	-0.35	0.06	-0.10	-0.30	-0.04	-0.01	235.
240.	-0.87	-0.47	0.02	-0.04	-0.33	-0.04	-0.00	240.
245.	-0.99	-0.54	-0.08	-0.04	-0.34	-0.10	-0.01	245.
250.	-1.07	-0.64	-0.23	-0.07	-0.30	-0.10	-0.02	250.
255.	-1.12	-0.71	-0.36	-0.12	-0.25	-0.09	-0.02	255.
260.	-1.16	-0.79	-0.45	-0.20	-0.22	-0.07	-0.02	260.
265.	-1.18	-0.80	-0.50	-0.20	-0.22	-0.06	-0.03	265.
270.	-1.18	-0.81	-0.52	-0.24	-0.24	-0.07	-0.04	270.
275.	-1.18	-0.81	-0.52	-0.28	-0.28	-0.07	-0.05	275.
280.	-1.14	-0.80	-0.52	-0.35	-0.28	-0.07	-0.05	280.
285.	-1.14	-0.78	-0.52	-0.36	-0.29	-0.07	-0.05	285.
290.	-1.13	-0.77	-0.52	-0.37	-0.30	-0.07	-0.04	290.
295.	-1.11	-0.76	-0.52	-0.38	-0.32	-0.06	-0.04	295.
300.	-1.09	-0.75	-0.52	-0.37	-0.33	-0.10	-0.04	300.
305.	-1.08	-0.73	-0.51	-0.37	-0.32	-0.10	-0.04	305.
310.	-1.07	-0.72	-0.51	-0.37	-0.30	-0.10	-0.04	310.
315.	-1.06	-0.72	-0.49	-0.36	-0.29	-0.09	-0.04	315.
320.	-1.05	-0.71	-0.47	-0.35	-0.28	-0.09	-0.03	320.
325.	-1.02	-0.71	-0.47	-0.35	-0.28	-0.09	-0.03	325.
330.	-0.98	-0.73	-0.48	-0.35	-0.28	-0.09	-0.03	330.
335.	-0.95	-0.77	-0.51	-0.36	-0.27	-0.09	-0.03	335.
340.	-0.93	-0.83	-0.55	-0.37	-0.26	-0.10	-0.03	340.
345.	-0.93	-0.89	-0.64	-0.41	-0.33	-0.12	-0.03	345.
350.	-0.93	-0.93	-0.73	-0.47	-0.34	-0.15	-0.04	350.
355.	-0.93	-0.96	-0.86	-0.54	-0.37	-0.17	-0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CTR NO. 188 TCN= 37. C.R.= 45.1

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION								AZ
DEG.	2.455	1.040	1.920	2.997	4.550	7.150	10.400	DEG.	
0.	-2.74	-0.05	-0.58	-0.41	-0.32	-2.16	-0.07	0.	
5.	-1.92	-0.07	-0.40	-0.34	-0.29	-2.18	-0.06	5.	
10.	-2.54	-0.43	-0.31	-0.25	-0.23	-0.19	-0.39	10.	
15.	-0.58	-0.50	-0.36	-0.26	-0.20	-0.14	-0.29	15.	
20.	-2.55	-0.45	-0.33	-0.21	-0.11	-0.12	-1.08	20.	
25.	-2.44	-0.36	-0.27	-0.20	-0.12	-2.14	-0.10	25.	
30.	-2.27	-0.35	-0.20	-0.20	-0.26	-2.13	-0.10	30.	
35.	-2.06	-0.24	-0.17	-0.13	0.04	-2.11	-0.09	35.	
40.	0.17	-0.05	-0.14	-0.04	0.12	-0.11	-0.13	40.	
45.	0.40	0.15	0.06	0.04	0.19	-0.09	-0.09	45.	
50.	2.60	0.37	0.14	0.10	0.27	-0.07	-0.08	50.	
55.	2.72	0.36	0.18	0.12	0.31	-2.05	-0.08	55.	
60.	2.76	0.34	0.20	0.13	0.31	-2.04	-0.07	60.	
65.	2.78	0.32	0.19	0.12	0.27	-0.04	-0.07	65.	
70.	2.79	0.33	0.19	0.12	0.26	-2.04	-0.07	70.	
75.	2.79	0.34	0.19	0.12	0.27	-2.02	-0.05	75.	
80.	2.82	0.30	0.19	0.13	0.28	-0.02	-0.05	80.	
85.	2.87	0.37	0.20	0.15	0.29	-0.01	-0.05	85.	
90.	2.92	0.39	0.23	0.17	0.30	-2.01	-0.05	90.	
95.	2.94	0.40	0.26	0.19	0.31	0.01	-0.03	95.	
100.	2.98	0.42	0.30	0.20	0.32	0.05	-0.01	100.	
105.	2.99	0.44	0.33	0.21	0.33	0.06	-0.01	105.	
110.	1.00	0.54	0.36	0.22	0.32	0.06	-0.02	110.	
115.	2.97	0.54	0.34	0.22	0.31	2.05	-0.01	115.	
120.	2.94	0.55	0.33	0.22	0.30	2.04	0.01	120.	
125.	2.92	0.55	0.32	0.23	0.30	2.08	0.03	125.	
130.	2.91	0.56	0.33	0.23	0.31	0.10	0.04	130.	
135.	2.94	0.56	0.35	0.25	0.32	0.12	0.05	135.	
140.	2.98	0.51	0.49	0.28	0.33	0.14	0.06	140.	
145.	1.23	0.74	0.47	0.32	0.34	2.15	0.07	145.	
150.	1.11	0.80	0.54	0.37	0.35	2.18	0.09	150.	
155.	1.10	0.87	0.60	0.42	0.36	2.27	0.10	155.	
160.	1.28	0.91	0.65	0.46	0.38	0.21	0.10	160.	
165.	1.33	0.95	0.69	0.50	0.38	0.23	0.11	165.	
170.	1.33	1.00	0.70	0.52	0.38	0.24	0.11	170.	
175.	1.24	1.02	0.69	0.51	0.36	0.24	0.12	175.	
180.	1.10	0.97	0.66	0.49	0.33	0.23	0.12	180.	
185.	0.94	0.86	0.60	0.44	0.28	0.21	0.11	185.	
190.	2.76	0.71	0.52	0.38	0.22	0.19	0.10	190.	
195.	0.56	0.56	0.42	0.31	0.15	0.16	0.09	195.	
200.	2.35	0.40	0.30	0.24	0.09	0.13	0.07	200.	
205.	0.15	0.25	0.19	0.16	0.03	0.10	0.07	205.	
210.	-2.04	0.11	0.11	0.10	-0.03	0.08	0.06	210.	
215.	-0.21	0.20	0.14	0.03	-0.04	0.07	0.06	215.	
220.	-0.36	-0.09	-0.12	-0.02	-0.12	0.05	0.06	220.	
225.	-0.49	-0.17	-0.10	-0.06	-0.16	0.04	0.05	225.	
230.	-2.51	-0.25	-0.13	-0.10	-0.19	0.03	0.05	230.	
235.	-2.71	-0.32	-0.18	-0.13	-0.22	0.01	0.05	235.	
240.	-0.79	-0.39	-0.23	-0.16	-0.25	-2.01	0.03	240.	
245.	-2.97	-0.45	-0.25	-0.19	-0.28	-0.02	0.02	245.	
250.	-0.95	-0.50	-0.33	-0.22	-0.30	-0.04	0.01	250.	
255.	-1.02	-0.54	-0.33	-0.24	-0.31	-0.05	0.01	255.	
260.	-1.28	-0.59	-0.38	-0.25	-0.33	-2.08	0.00	260.	
265.	-1.13	-0.61	-0.38	-0.27	-0.34	-2.06	0.01	265.	
270.	-1.15	-0.63	-0.40	-0.28	-0.36	-0.06	0.01	270.	
275.	-1.16	-0.65	-0.42	-0.29	-0.37	-0.06	0.01	275.	
280.	-1.17	-0.66	-0.43	-0.30	-0.37	-0.05	0.02	280.	
285.	-1.18	-0.67	-0.44	-0.30	-0.37	-0.05	0.03	285.	
290.	-1.21	-0.68	-0.44	-0.31	-0.38	-2.04	0.04	290.	
295.	-1.24	-0.70	-0.46	-0.32	-0.37	-0.08	0.02	295.	
300.	-1.26	-0.72	-0.49	-0.34	-0.40	-0.12	-0.02	300.	
305.	-1.29	-0.72	-0.53	-0.37	-0.43	-0.14	-0.07	305.	
310.	-1.29	-0.72	-0.52	-0.36	-0.41	-0.13	-0.05	310.	
315.	-1.26	-0.71	-0.50	-0.34	-0.37	-0.13	-0.02	315.	
320.	-1.17	-0.67	-0.45	-0.31	-0.34	-0.13	-0.01	320.	
325.	-1.05	-0.61	-0.39	-0.26	-0.31	-0.13	-0.03	325.	
330.	-0.90	-0.53	-0.33	-0.22	-0.27	-0.09	-0.02	330.	
335.	-0.71	-0.38	-0.24	-0.14	-0.21	-0.05	-0.01	335.	
340.	-0.47	-0.22	-0.16	-0.09	-0.16	-0.07	-0.03	340.	
345.	-2.22	-0.20	-0.16	-0.11	-0.16	-2.11	-0.07	345.	
350.	-2.12	-0.47	-0.28	-0.23	-0.22	-2.10	-0.07	350.	
355.	-2.21	-0.70	-0.57	-0.45	-0.34	-2.16	-0.07	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#522 CTR NO. 100 TCN# 37. C.P.# 45.1

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEG.	2.422	1.040	1.932	2.990	4.250	7.157	10.422	DEG.
0.	-0.55	-0.44	-0.35	-0.29	-0.20	-0.08	-0.03	0.
5.	-0.51	-0.36	-0.25	-0.20	-0.17	-0.09	-0.02	5.
10.	-0.53	-0.39	-0.30	-0.24	-0.16	-0.11	-0.03	10.
15.	-0.55	-0.43	-0.36	-0.25	-0.19	-0.16	-0.04	15.
20.	-0.27	-0.34	-0.33	-0.21	-0.18	-0.16	-0.05	20.
25.	0.01	-0.15	-0.11	-0.11	-0.13	-0.13	-0.04	25.
30.	0.29	0.10	-0.01	0.02	-0.04	-0.12	-0.05	30.
35.	0.56	0.39	0.10	0.10	0.08	-0.07	-0.04	35.
40.	0.82	0.69	0.27	0.32	0.20	-0.02	-0.02	40.
45.	1.04	0.93	0.42	0.43	0.27	0.01	-0.01	45.
50.	1.14	1.00	0.52	0.56	0.31	0.01	-0.01	50.
55.	1.13	0.99	0.53	0.53	0.32	0.00	-0.01	55.
60.	1.02	0.93	0.50	0.54	0.33	-0.01	-0.03	60.
65.	0.84	0.85	0.43	0.53	0.33	-0.03	-0.03	65.
70.	0.63	0.75	0.35	0.51	0.32	-0.03	-0.03	70.
75.	0.43	0.63	0.26	0.49	0.30	-0.05	-0.03	75.
80.	0.27	0.50	0.18	0.47	0.27	-0.09	-0.03	80.
85.	0.16	0.44	0.10	0.45	0.24	-0.11	-0.03	85.
90.	0.15	0.46	0.10	0.42	0.23	-0.12	-0.04	90.
95.	0.16	0.44	0.10	0.40	0.22	-0.11	-0.05	95.
100.	0.13	0.40	0.15	0.37	0.22	-0.10	-0.05	100.
105.	0.06	0.42	0.10	0.34	0.21	-0.10	-0.05	105.
110.	-0.06	0.32	0.11	0.31	0.15	-0.12	-0.06	110.
115.	-0.21	0.20	-0.12	0.24	0.10	-0.14	-0.06	115.
120.	-0.35	0.29	-0.20	0.17	0.04	-0.15	-0.06	120.
125.	-0.45	0.19	-0.24	0.12	0.04	-0.15	-0.06	125.
130.	-0.47	0.09	-0.24	0.09	0.04	-0.14	-0.06	130.
135.	-0.43	0.07	-0.25	0.09	0.04	-0.12	-0.03	135.
140.	-0.36	0.10	-0.25	0.16	0.05	-0.09	-0.02	140.
145.	-0.23	0.15	-0.14	0.13	0.07	-0.05	0.00	145.
150.	-0.06	0.17	-0.05	0.17	0.12	-0.02	0.02	150.
155.	0.13	0.19	0.06	0.22	0.18	0.02	0.03	155.
160.	0.30	0.21	0.10	0.26	0.25	0.05	0.04	160.
165.	0.45	0.23	0.29	0.29	0.29	0.08	0.04	165.
170.	0.57	0.26	0.37	0.31	0.30	0.11	0.05	170.
175.	0.64	0.27	0.43	0.36	0.26	0.13	0.05	175.
180.	0.65	0.26	0.45	0.28	0.21	0.13	0.05	180.
185.	0.62	0.21	0.42	0.24	0.17	0.13	0.05	185.
190.	0.55	0.16	0.36	0.19	0.13	0.13	0.05	190.
195.	0.44	0.11	0.30	0.14	0.09	0.12	0.04	195.
200.	0.31	0.06	0.23	0.09	0.05	0.11	0.04	200.
205.	0.20	-0.01	0.16	0.02	0.01	0.10	0.04	205.
210.	0.09	-0.13	0.10	-0.06	-0.02	0.09	0.04	210.
215.	-0.01	-0.24	0.04	-0.17	-0.05	0.08	0.04	215.
220.	-0.11	-0.30	-0.01	-0.15	-0.08	0.08	0.04	220.
225.	-0.20	-0.33	-0.05	-0.17	-0.10	0.08	0.04	225.
230.	-0.27	-0.37	-0.06	-0.22	-0.12	0.07	0.04	230.
235.	-0.31	-0.41	-0.10	-0.26	-0.14	0.07	0.04	235.
240.	-0.34	-0.44	-0.11	-0.33	-0.16	0.07	0.03	240.
245.	-0.36	-0.46	-0.12	-0.35	-0.18	0.07	0.02	245.
250.	-0.37	-0.46	-0.13	-0.36	-0.20	0.07	0.02	250.
255.	-0.37	-0.46	-0.14	-0.35	-0.22	0.07	0.02	255.
260.	-0.37	-0.45	-0.14	-0.34	-0.23	0.06	0.01	260.
265.	-0.36	-0.44	-0.14	-0.32	-0.23	0.06	0.01	265.
270.	-0.36	-0.45	-0.14	-0.31	-0.24	0.06	0.00	270.
275.	-0.39	-0.45	-0.16	-0.31	-0.24	0.05	0.00	275.
280.	-0.41	-0.44	-0.17	-0.33	-0.24	0.05	0.01	280.
285.	-0.44	-0.44	-0.18	-0.34	-0.23	0.05	0.01	285.
290.	-0.45	-0.51	-0.18	-0.38	-0.23	0.05	0.01	290.
295.	-0.45	-0.51	-0.17	-0.38	-0.22	0.05	0.02	295.
300.	-0.40	-0.48	-0.16	-0.35	-0.20	0.06	0.03	300.
305.	-0.38	-0.45	-0.16	-0.34	-0.19	0.06	0.04	305.
310.	-0.35	-0.45	-0.14	-0.32	-0.18	0.07	0.04	310.
315.	-0.34	-0.47	-0.17	-0.32	-0.18	0.06	0.03	315.
320.	-0.34	-0.50	-0.20	-0.33	-0.19	0.05	0.03	320.
325.	-0.35	-0.52	-0.23	-0.33	-0.21	0.04	0.02	325.
330.	-0.39	-0.53	-0.25	-0.35	-0.22	0.02	0.00	330.
335.	-0.41	-0.52	-0.28	-0.37	-0.25	-0.01	-0.01	335.
340.	-0.37	-0.48	-0.27	-0.36	-0.25	-0.01	-0.01	340.
345.	-0.25	-0.41	-0.22	-0.31	-0.19	0.00	0.00	345.
350.	0.19	-0.03	-0.09	-0.19	-0.09	0.02	0.00	350.
355.	0.27	0.01	-0.04	-0.15	-0.04	-0.03	-0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-502 CWTB NO. 18A TCN= 37. C.R.= 45.1

DIFFERENTIAL PRESSURES									
SPAN STATION 178.5									
CHORD STATION									
AZ	0.455	1.240	1.950	2.990	4.550	7.152	10.400	AZ	
DEG.								DEG.	
0.	-0.09	-0.02	-0.09	0.01	-0.02	-0.03	0.02	0.	
5.	-0.39	-0.21	-0.25	-0.01	-0.34	-0.07	0.30	5.	
10.	-0.21	-0.18	-0.20	-0.00	-0.06	-0.08	-0.00	10.	
15.	0.03	-0.05	-0.12	-0.00	-0.10	-0.08	-0.01	15.	
20.	0.27	-0.04	-0.11	-0.04	-0.10	-0.09	-0.01	20.	
25.	0.43	0.34	-0.04	-0.01	-0.04	-0.07	0.31	25.	
30.	0.60	0.27	0.12	0.09	0.04	0.01	0.23	30.	
35.	0.90	0.51	0.35	0.21	0.19	0.07	0.25	35.	
40.	1.19	0.70	0.55	0.30	0.29	0.12	0.06	40.	
45.	1.33	0.79	0.66	0.36	0.32	0.14	0.05	45.	
50.	1.34	0.79	0.72	0.37	0.33	0.14	0.05	50.	
55.	1.26	0.69	0.73	0.37	0.30	0.12	0.05	55.	
60.	1.15	0.53	0.64	0.33	0.23	0.08	0.04	60.	
65.	0.89	0.32	0.54	0.25	0.14	0.03	0.02	65.	
70.	0.61	0.07	0.34	0.16	0.07	-0.02	0.01	70.	
75.	0.34	-0.15	0.18	0.07	0.01	-0.05	-0.04	75.	
80.	0.10	-0.31	0.02	-0.01	-0.10	-0.08	-0.01	80.	
85.	-0.13	-0.47	-0.13	-0.09	-0.19	-0.10	-0.00	85.	
90.	-0.33	-0.63	-0.25	-0.16	-0.23	-0.12	0.02	90.	
95.	-0.48	-0.76	-0.37	-0.24	-0.28	-0.14	-0.00	95.	
100.	-0.67	-0.87	-0.50	-0.34	-0.33	-0.16	-0.03	100.	
105.	-0.89	-1.05	-0.72	-0.44	-0.41	-0.18	-0.04	105.	
110.	-1.24	-1.24	-0.91	-0.52	-0.48	-0.19	-0.04	110.	
115.	-1.23	-1.36	-1.04	-0.59	-0.51	-0.20	-0.05	115.	
120.	-1.35	-1.43	-1.11	-0.62	-0.53	-0.21	-0.05	120.	
125.	-1.42	-1.46	-1.14	-0.63	-0.55	-0.21	-0.05	125.	
130.	-1.43	-1.44	-1.13	-0.63	-0.56	-0.20	-0.05	130.	
135.	-1.39	-1.35	-1.08	-0.62	-0.54	-0.17	-0.05	135.	
140.	-1.38	-1.23	-0.98	-0.58	-0.49	-0.14	-0.05	140.	
145.	-1.16	-1.07	-0.87	-0.52	-0.42	-0.11	-0.04	145.	
150.	-0.98	-0.89	-0.74	-0.44	-0.34	-0.09	-0.03	150.	
155.	-0.77	-0.69	-0.59	-0.36	-0.25	-0.05	-0.02	155.	
160.	-0.55	-0.50	-0.44	-0.28	-0.17	-0.01	-0.01	160.	
165.	-0.35	-0.32	-0.29	-0.22	-0.09	0.02	-0.00	165.	
170.	-0.17	-0.15	-0.17	-0.10	-0.03	0.03	0.07	170.	
175.	-0.05	-0.00	-0.08	-0.11	0.02	0.05	0.05	175.	
180.	0.03	0.10	-0.02	-0.07	0.06	0.06	0.30	180.	
185.	0.27	0.16	0.02	-0.03	0.08	0.06	0.04	185.	
190.	0.57	0.23	0.04	-0.01	0.09	0.04	-0.00	190.	
195.	0.57	0.21	0.04	0.00	0.09	0.05	-0.22	195.	
200.	0.05	0.22	0.10	0.01	0.00	0.04	-0.01	200.	
205.	0.01	0.22	0.10	0.02	0.00	0.01	-0.01	205.	
210.	-0.06	0.21	0.10	0.02	0.07	0.01	-0.01	210.	
215.	-0.12	0.19	0.10	0.02	0.07	0.02	-0.01	215.	
220.	-0.16	0.18	0.10	0.03	0.07	0.02	-0.01	220.	
225.	-0.18	0.18	0.12	0.03	0.07	0.03	-0.01	225.	
230.	-0.17	0.19	0.14	0.03	0.07	0.03	-0.01	230.	
235.	-0.14	0.21	0.15	0.05	0.08	0.04	-0.00	235.	
240.	-0.09	0.24	0.20	0.07	0.09	0.05	-0.00	240.	
245.	-0.04	0.30	0.27	0.12	0.12	0.05	0.00	245.	
250.	0.03	0.36	0.32	0.18	0.14	0.02	0.00	250.	
255.	0.11	0.42	0.37	0.23	0.17	0.06	0.01	255.	
260.	0.19	0.47	0.42	0.25	0.18	0.06	0.00	260.	
265.	0.26	0.52	0.41	0.26	0.19	0.07	0.00	265.	
270.	0.30	0.57	0.41	0.25	0.20	0.07	0.00	270.	
275.	0.33	0.61	0.39	0.23	0.21	0.08	0.00	275.	
280.	0.32	0.61	0.37	0.23	0.22	0.08	0.00	280.	
285.	0.29	0.58	0.36	0.23	0.22	0.08	0.01	285.	
290.	0.26	0.57	0.35	0.23	0.22	0.08	0.01	290.	
295.	0.26	0.51	0.34	0.23	0.20	0.08	0.01	295.	
300.	0.29	0.51	0.35	0.24	0.19	0.08	0.01	300.	
305.	0.34	0.53	0.37	0.25	0.20	0.08	0.01	305.	
310.	0.43	0.57	0.41	0.25	0.21	0.10	0.02	310.	
315.	0.51	0.61	0.44	0.28	0.24	0.11	0.03	315.	
320.	0.55	0.62	0.43	0.29	0.25	0.11	0.03	320.	
325.	0.51	0.56	0.38	0.28	0.23	0.10	0.03	325.	
330.	0.41	0.44	0.31	0.23	0.18	0.08	0.02	330.	
335.	0.25	0.30	0.19	0.17	0.12	0.04	0.01	335.	
340.	0.20	0.24	0.09	0.16	0.09	0.03	0.01	340.	
345.	0.37	0.32	0.15	0.16	0.11	0.03	0.01	345.	
350.	0.34	0.32	0.15	0.13	0.08	-0.00	0.00	350.	
355.	0.04	0.14	-0.04	0.04	-0.00	-0.00	0.00	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=502 CNTR NO. 100 VCN= 37. C.P.= 45.1

DIFFERENTIAL PRESSURES

SPAN STATION 109.0

AZ	CHORD STATION								AZ
DEG.	0.455	1.046	1.722	2.490	3.350	4.299	5.330	6.437	DEG.
0.	0.40	0.36	0.49	0.11	0.12	0.11	0.01	0.01	0.
5.	0.42	0.16	-0.04	0.01	0.11	-0.04	-0.21	-0.21	5.
10.	0.08	0.01	-0.09	0.00	0.10	-0.07	-0.21	-0.21	10.
15.	0.06	0.12	-0.01	0.02	0.21	-0.06	-0.06	-0.06	15.
20.	0.29	0.10	-0.04	-0.01	0.24	-0.09	-0.06	-0.06	20.
25.	0.52	0.35	0.07	0.00	0.33	-0.04	-0.04	-0.04	25.
30.	0.74	0.65	0.31	0.27	0.45	-0.03	0.01	0.01	30.
35.	0.96	0.90	0.57	0.41	0.54	0.05	0.05	0.05	35.
40.	1.15	1.01	0.75	0.51	0.53	0.09	0.04	0.04	40.
45.	1.27	1.03	0.80	0.57	0.50	0.09	0.03	0.03	45.
50.	1.29	1.02	1.00	0.61	0.39	0.00	-0.04	-0.04	50.
55.	1.20	0.92	1.30	0.59	0.67	0.32	-0.01	-0.01	55.
60.	1.22	0.74	1.60	0.49	0.64	-0.03	-0.01	-0.01	60.
65.	0.69	0.49	1.00	0.34	0.50	-0.09	-0.09	-0.09	65.
70.	0.26	0.19	1.40	0.16	0.42	-0.15	-0.30	-0.30	70.
75.	-0.14	-0.12	1.15	-0.02	0.25	-0.29	-0.16	-0.16	75.
80.	-0.47	-0.42	0.75	-0.17	0.17	-0.25	-0.16	-0.16	80.
85.	-0.74	-0.71	0.07	-0.32	0.13	-0.33	-0.16	-0.16	85.
90.	-1.01	-0.92	-0.21	-0.47	0.00	-0.33	-0.16	-0.16	90.
95.	-1.25	-1.10	-0.60	-0.62	-0.01	-0.34	-0.09	-0.09	95.
100.	-1.52	-1.29	-0.88	-0.79	-0.11	-0.33	-0.11	-0.11	100.
105.	-1.77	-1.47	-1.15	-0.93	-0.20	-0.34	-0.11	-0.11	105.
110.	-1.99	-1.61	-1.27	-1.01	-0.27	-0.35	-0.16	-0.16	110.
115.	-2.15	-1.71	-1.30	-1.07	-0.31	-0.35	-0.16	-0.16	115.
120.	-2.24	-1.77	-1.43	-1.09	-0.33	-0.36	-0.10	-0.10	120.
125.	-2.26	-1.70	-1.43	-1.09	-0.33	-0.35	-0.16	-0.16	125.
130.	-2.23	-1.74	-1.43	-1.05	-0.31	-0.34	-0.09	-0.09	130.
135.	-2.14	-1.63	-1.39	-0.90	-0.29	-0.30	-0.07	-0.07	135.
140.	-2.00	-1.49	-1.29	-0.79	-0.27	-0.26	-0.07	-0.07	140.
145.	-1.81	-1.32	-1.12	-0.70	-0.25	-0.21	-0.06	-0.06	145.
150.	-1.59	-1.15	-0.95	-0.67	-0.22	-0.17	-0.06	-0.06	150.
155.	-1.33	-0.89	-0.79	-0.54	-0.20	-0.12	-0.06	-0.06	155.
160.	-1.05	-0.50	-0.65	-0.41	-0.10	-0.08	-0.02	-0.02	160.
165.	-0.79	-0.35	-0.51	-0.28	-0.14	-0.04	-0.01	-0.01	165.
170.	-0.54	-0.20	-0.30	-0.17	-0.12	-0.01	0.02	0.02	170.
175.	-0.34	-0.09	-0.27	-0.10	-0.13	0.01	0.01	0.01	175.
180.	-0.19	-0.02	-0.20	-0.06	-0.13	0.04	0.01	0.01	180.
185.	-0.08	0.03	-0.14	-0.02	-0.10	0.09	0.02	0.02	185.
190.	-0.31	0.06	-0.11	0.01	-0.02	0.07	0.02	0.02	190.
195.	0.03	0.07	-0.09	0.03	-0.02	0.07	0.01	0.01	195.
200.	0.05	0.06	-0.09	0.04	-0.00	0.00	0.01	0.01	200.
205.	0.04	0.05	-0.10	0.00	-0.12	0.00	0.01	0.01	205.
210.	0.03	0.04	-0.09	0.05	-0.15	0.00	0.01	0.01	210.
215.	0.02	0.03	-0.09	0.06	-0.18	0.00	0.02	0.02	215.
220.	0.01	0.03	-0.08	0.08	-0.20	0.09	0.02	0.02	220.
225.	0.01	0.05	-0.07	0.10	-0.21	0.11	0.03	0.03	225.
230.	0.04	0.09	-0.05	0.13	-0.22	0.12	0.04	0.04	230.
235.	0.09	0.16	-0.03	0.16	-0.21	0.13	0.04	0.04	235.
240.	0.15	0.23	0.02	0.20	-0.21	0.14	0.04	0.04	240.
245.	0.24	0.28	0.04	0.23	-0.19	0.14	0.04	0.04	245.
250.	0.40	0.34	0.08	0.27	-0.18	0.16	0.04	0.04	250.
255.	0.54	0.41	0.13	0.31	-0.17	0.17	0.04	0.04	255.
260.	0.67	0.51	0.19	0.36	-0.16	0.18	0.04	0.04	260.
265.	0.79	0.60	0.25	0.41	-0.14	0.20	0.04	0.04	265.
270.	0.80	0.66	0.33	0.44	-0.12	0.20	0.04	0.04	270.
275.	0.95	0.68	0.30	0.46	-0.11	0.21	0.04	0.04	275.
280.	0.98	0.68	0.39	0.44	-0.10	0.21	0.05	0.05	280.
285.	0.94	0.67	0.49	0.45	-0.09	0.22	0.05	0.05	285.
290.	0.88	0.65	0.56	0.43	-0.08	0.21	0.05	0.05	290.
295.	0.84	0.63	0.63	0.40	-0.08	0.20	0.04	0.04	295.
300.	0.84	0.63	0.63	0.39	-0.09	0.19	0.04	0.04	300.
305.	0.80	0.60	0.62	0.38	-0.09	0.20	0.04	0.04	305.
310.	0.97	0.76	0.30	0.45	-0.09	0.21	0.05	0.05	310.
315.	1.13	0.85	0.44	0.49	-0.01	0.23	0.04	0.04	315.
320.	1.24	0.88	0.48	0.51	0.03	0.23	0.04	0.04	320.
325.	1.22	0.83	0.44	0.50	0.05	0.22	0.04	0.04	325.
330.	1.04	0.72	0.36	0.42	0.04	0.20	0.07	0.07	330.
335.	0.82	0.54	0.27	0.33	0.02	0.16	0.00	0.00	335.
340.	0.63	0.36	0.27	0.31	0.09	0.15	0.04	0.04	340.
345.	0.77	0.49	0.25	0.29	0.09	0.13	0.04	0.04	345.
350.	0.49	0.23	0.07	0.18	0.05	0.10	0.05	0.05	350.
355.	0.27	0.07	-0.05	0.04	0.06	0.04	0.03	0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-302 CNTR NO. 100 TEN= 37. C.R.= 45.1

DIFFERENTIAL PRESSURES

SPAN STATION 199.5

AZ	CHORD STATION							AZ
DEG.	0.455	1.840	1.955	2.990	4.355	7.150	10.400	DEG.
5.	3.03	0.50	0.01	-0.02	0.04	-3.01	-0.04	0.
5.	3.50	0.44	0.04	-0.05	0.04	-3.33	-0.05	5.
10.	0.17	0.25	-0.25	-0.17	0.71	-3.03	-0.07	15.
15.	0.15	0.19	-0.25	-0.21	-0.01	-0.04	-0.06	15.
22.	0.40	0.32	-0.19	-0.17	0.22	-0.13	-0.08	22.
25.	3.40	0.52	0.03	-0.06	0.70	-3.04	-0.10	25.
30.	0.91	0.73	0.31	0.12	0.19	-3.05	-0.07	30.
35.	1.57	0.90	0.44	0.20	0.27	-0.04	-0.06	35.
40.	1.17	1.01	0.80	0.30	0.34	-3.06	-0.06	40.
45.	1.25	1.10	1.52	0.42	0.37	-0.06	-0.07	45.
50.	1.26	1.14	2.12	0.44	0.35	-0.10	-0.10	50.
55.	1.12	1.09	2.22	0.44	0.29	-0.17	-0.11	55.
60.	3.77	0.87	1.98	0.45	0.29	-0.24	-0.09	60.
65.	3.34	3.58	1.68	0.46	0.29	-0.29	-0.10	65.
70.	-3.13	0.26	1.35	1.05	-0.01	-0.34	-0.13	75.
75.	-0.56	-0.09	1.02	0.93	-0.10	-0.39	-0.15	75.
80.	-2.92	-0.43	0.70	0.70	-0.10	-0.41	-0.16	85.
85.	-1.29	-0.75	0.41	0.61	-0.19	-0.41	-0.12	85.
90.	-1.60	-1.05	0.10	0.41	-0.10	-0.40	-0.09	90.
95.	-1.90	-1.31	0.01	-0.12	-0.19	-0.40	-0.10	95.
100.	-2.19	-1.54	-0.10	-0.72	-0.23	-0.39	-0.12	100.
105.	-2.44	-1.72	-0.61	-0.90	-0.27	-0.40	-0.11	105.
110.	-2.64	-1.85	-1.27	-0.96	-0.32	-0.40	-0.07	110.
115.	-2.75	-1.93	-1.70	-0.90	-0.36	-0.42	-0.06	115.
120.	-2.79	-1.94	-1.72	-1.02	-0.39	-0.43	-0.05	120.
125.	-2.80	-1.94	-1.69	-1.05	-0.41	-0.42	-0.03	125.
130.	-2.76	-1.87	-1.61	-1.04	-0.41	-0.39	-0.02	130.
135.	-2.63	-1.76	-1.52	-1.00	-0.40	-0.36	-0.05	135.
140.	-2.41	-1.61	-1.42	-0.92	-0.38	-0.32	-0.06	140.
145.	-2.16	-1.44	-1.30	-0.83	-0.35	-0.27	-0.06	145.
150.	-1.90	-1.27	-1.17	-0.74	-0.31	-0.22	-0.04	150.
155.	-1.62	-1.08	-1.04	-0.64	-0.25	-0.17	-0.02	155.
160.	-1.35	-0.90	-0.88	-0.53	-0.20	-0.11	-0.01	160.
165.	-1.07	-0.68	-0.72	-0.40	-0.13	-0.06	0.01	165.
170.	-0.78	-0.49	-0.50	-0.29	-0.08	-0.01	0.03	170.
175.	-0.53	-0.35	-0.47	-0.23	-0.04	0.04	0.04	175.
180.	-0.33	-0.23	-0.30	-0.10	-0.05	0.08	0.06	180.
185.	-0.19	-0.16	-0.31	-0.15	-0.05	0.12	0.06	185.
190.	-0.12	-0.11	-0.26	-0.12	-0.03	0.13	0.06	190.
195.	-0.07	-0.00	-0.24	-0.10	-0.02	0.14	0.06	195.
200.	-0.02	-0.04	-0.25	-0.09	-0.01	0.15	0.06	200.
205.	-0.04	-0.04	-0.24	-0.07	-0.01	0.15	0.06	205.
210.	-0.03	-0.03	-0.23	-0.06	-0.02	0.15	0.06	210.
215.	-0.02	-0.03	-0.21	-0.04	-0.03	0.17	0.06	215.
220.	0.01	-0.01	-0.19	-0.05	-0.03	0.18	0.07	220.
225.	0.04	0.01	-0.14	-0.03	-0.02	0.23	0.07	225.
230.	0.11	0.03	-0.12	0.01	0.03	0.21	0.08	230.
235.	0.21	0.08	-0.08	0.04	0.03	0.23	0.10	235.
240.	0.35	0.14	-0.03	0.11	0.05	0.24	0.10	240.
245.	0.46	0.24	0.02	0.15	0.07	0.26	0.10	245.
250.	0.62	0.36	0.04	0.19	0.09	0.27	0.10	250.
255.	0.79	0.48	0.14	0.23	0.10	0.29	0.10	255.
260.	0.94	0.60	0.21	0.27	0.11	0.31	0.10	260.
265.	1.11	0.71	0.27	0.31	0.13	0.32	0.10	265.
270.	1.26	0.80	0.33	0.35	0.15	0.32	0.10	270.
275.	1.37	0.85	0.39	0.38	0.16	0.31	0.09	275.
280.	1.43	0.86	0.42	0.39	0.16	0.30	0.08	280.
285.	1.38	0.82	0.40	0.36	0.17	0.29	0.08	285.
290.	1.27	0.76	0.36	0.32	0.15	0.26	0.07	290.
295.	1.19	0.72	0.33	0.28	0.12	0.24	0.07	295.
300.	1.17	0.71	0.28	0.24	0.12	0.27	0.07	300.
305.	1.24	0.76	0.32	0.29	0.15	0.28	0.07	305.
310.	1.37	0.85	0.38	0.35	0.17	0.29	0.07	310.
315.	1.52	0.96	0.44	0.40	0.19	0.29	0.07	315.
320.	1.60	1.07	0.50	0.43	0.21	0.29	0.07	320.
325.	1.67	1.09	0.46	0.41	0.21	0.28	0.06	325.
330.	1.54	0.92	0.39	0.35	0.20	0.26	0.04	330.
335.	1.29	0.67	0.34	0.28	0.18	0.23	0.03	335.
340.	1.31	0.68	0.29	0.27	0.18	0.19	0.02	340.
345.	1.44	0.74	0.26	0.22	0.16	0.15	0.02	345.
350.	1.23	0.39	0.01	0.05	0.09	0.09	0.01	350.
355.	1.05	0.17	-0.11	-0.05	-0.01	-0.03	-0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CMT NO. 226 TCM-39. C.R. 8.3

DIFFERENTIAL PRESSURES

SPAN STATION 52.5					
CHORD STATION					
AZ					AZ
DEG.	0.455	1.950	4.550	10.400	DEG.
0.	-0.92	-0.46	-0.33	0.32	0.
5.	-0.90	-0.45	-0.23	0.01	5.
10.	-0.80	-0.31	-0.13	0.03	10.
15.	-0.81	-0.15	-0.07	0.07	15.
20.	-0.74	-0.09	-0.06	0.09	20.
25.	-0.56	-0.12	-0.10	0.07	25.
30.	-0.84	-0.27	-0.16	0.22	30.
35.	-0.65	-0.41	-0.22	-0.01	35.
40.	-0.97	-0.46	-0.23	-0.00	40.
45.	-0.89	-0.43	-0.15	0.03	45.
50.	-0.42	-0.23	-0.09	0.04	50.
55.	-0.20	-0.12	0.01	0.07	55.
60.	-0.07	-0.05	0.04	0.04	60.
65.	-0.04	-0.03	0.04	0.05	65.
70.	-0.06	-0.06	0.02	-0.01	70.
75.	-0.09	-0.11	-0.07	-0.01	75.
80.	-0.12	-0.15	-0.04	-0.01	80.
85.	-0.13	-0.15	-0.03	-0.01	85.
90.	-0.10	-0.11	0.03	-0.00	90.
95.	0.17	-0.03	0.08	0.01	95.
100.	0.47	0.08	0.13	0.02	100.
105.	0.64	0.20	0.20	0.04	105.
110.	0.82	0.33	0.28	0.06	110.
115.	1.01	0.46	0.36	0.06	115.
120.	1.22	0.58	0.43	0.07	120.
125.	1.42	0.68	0.48	0.08	125.
130.	1.55	0.76	0.51	0.09	130.
135.	1.61	0.81	0.52	0.09	135.
140.	1.7	0.84	0.52	0.05	140.
145.	1.78	0.86	0.51	0.08	145.
150.	1.83	0.88	0.50	0.08	150.
155.	1.77	0.85	0.47	0.08	155.
160.	1.67	0.82	0.45	0.07	160.
165.	1.58	0.77	0.41	0.05	165.
170.	1.48	0.70	0.37	0.04	170.
175.	1.33	0.61	0.32	0.03	175.
180.	1.13	0.52	0.25	0.03	180.
185.	0.84	0.37	0.18	0.02	185.
190.	0.46	0.17	0.09	0.01	190.
195.	0.13	-0.02	-0.01	0.00	195.
200.	-0.12	-0.19	-0.11	-0.00	200.
205.	-0.33	-0.26	-0.18	-0.02	205.
210.	-0.51	-0.26	-0.23	-0.00	210.
215.	-0.51	-0.26	-0.26	-0.02	215.
220.	-0.44	-0.27	-0.26	-0.05	220.
225.	-0.45	-0.28	-0.26	-0.07	225.
230.	-0.45	-0.29	-0.26	-0.07	230.
235.	-0.45	-0.27	-0.22	-0.09	235.
240.	-0.45	-0.25	-0.24	-0.06	240.
245.	-0.45	-0.22	-0.23	-0.04	245.
250.	-0.45	-0.21	-0.21	-0.08	250.
255.	-0.45	-0.20	-0.20	-0.10	255.
260.	-0.45	-0.19	-0.19	-0.10	260.
265.	-0.45	-0.19	-0.19	-0.12	265.
270.	-0.45	-0.18	-0.18	-0.10	270.
275.	-0.44	-0.18	-0.17	-0.09	275.
280.	-0.44	-0.17	-0.16	-0.09	280.
285.	-0.44	-0.16	-0.15	-0.09	285.
290.	-0.47	-0.16	-0.14	-0.10	290.
295.	-0.47	-0.16	-0.12	-0.12	295.
300.	-0.47	-0.16	-0.12	-0.12	300.
305.	-0.48	-0.16	-0.10	-0.12	305.
310.	-0.48	-0.17	-0.09	-0.10	310.
315.	-0.49	-0.19	-0.07	-0.07	315.
320.	-0.49	-0.21	-0.06	-0.04	320.
325.	-0.58	-0.22	-0.02	-0.21	325.
330.	-0.46	-0.19	-0.03	0.01	330.
335.	-0.44	-0.12	-0.03	0.04	335.
340.	-0.56	-0.15	-0.07	0.06	340.
345.	-0.69	-0.20	-0.15	0.08	345.
350.	-0.75	-0.42	-0.25	0.04	350.
355.	-0.78	-0.50	-0.32	0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CNTR NO. 224 TCN= 39. C.R.= 0.7

DIFFERENTIAL PRESSURES

SPAN STATION 79.8								
CHORD STATION								
AZ								AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	-1.30	-0.43	-0.02	-0.41	-0.30	-0.13	0.01	0.
5.	-1.05	1.13	-1.00	-0.88	-0.43	-0.18	-0.00	5.
10.	-1.11	-1.58	-0.98	-0.60	-0.47	-0.14	-0.00	10.
15.	-0.59	-1.06	-0.68	-0.42	-0.39	-0.08	0.05	15.
20.	-0.47	-0.85	-0.29	-0.23	-0.24	-0.04	0.08	20.
25.	-0.96	-0.43	-0.04	-0.45	-0.21	-0.12	0.04	25.
30.	-1.40	-0.97	-0.84	-0.49	-0.33	-0.17	-0.01	30.
35.	-1.34	-1.12	-0.72	-0.38	-0.32	-0.17	-0.03	35.
40.	-0.94	-0.86	-0.53	-0.25	-0.21	-0.14	-0.02	40.
45.	-0.58	-0.60	-0.41	-0.13	-0.11	-0.11	-0.01	45.
50.	-0.33	-0.44	-0.36	-0.15	-0.08	-0.11	0.00	50.
55.	-0.18	-0.31	-0.23	-0.13	-0.09	-0.12	-0.01	55.
60.	-0.11	-0.24	-0.31	-0.13	-0.08	-0.13	-0.02	60.
65.	-0.09	-0.21	-0.30	-0.14	-0.08	-0.17	-0.05	65.
70.	-0.09	-0.19	-0.30	-0.14	-0.08	-0.18	-0.04	70.
75.	-0.11	-0.19	-0.30	-0.11	-0.07	-0.18	-0.05	75.
80.	-0.13	-0.20	-0.28	-0.09	-0.03	-0.17	-0.03	80.
85.	-0.11	-0.19	-0.24	-0.05	0.03	-0.14	-0.01	85.
90.	-0.03	-0.14	-0.14	-0.04	0.15	-0.12	-0.01	90.
95.	0.12	-0.04	-0.04	0.07	0.17	-0.10	0.00	95.
100.	0.33	0.11	0.03	0.19	0.23	-0.06	0.02	100.
105.	0.61	0.30	0.18	0.33	0.30	0.01	0.03	105.
110.	0.92	0.52	0.42	0.45	0.39	0.06	0.05	110.
115.	1.23	0.76	0.60	0.55	0.49	0.11	0.07	115.
120.	1.51	1.01	0.77	0.62	0.58	0.17	0.09	120.
125.	1.77	1.23	0.93	0.67	0.65	0.21	0.12	125.
130.	1.97	1.41	1.00	0.70	0.70	0.24	0.13	130.
135.	2.09	1.53	1.07	0.73	0.71	0.24	0.12	135.
140.	2.12	1.60	1.13	0.74	0.70	0.25	0.11	140.
145.	2.12	1.62	1.10	0.73	0.67	0.24	0.11	145.
150.	2.09	1.62	1.09	0.71	0.63	0.23	0.11	150.
155.	2.05	1.59	1.07	0.69	0.59	0.22	0.11	155.
160.	2.00	1.56	1.09	0.71	0.53	0.23	0.12	160.
165.	2.16	1.59	1.14	0.74	0.53	0.25	0.13	165.
170.	2.30	1.62	1.19	0.77	0.56	0.28	0.14	170.
175.	2.29	1.65	1.21	0.78	0.56	0.31	0.15	175.
180.	2.11	1.61	1.16	0.73	0.53	0.31	0.14	180.
185.	1.80	1.47	1.03	0.64	0.47	0.29	0.12	185.
190.	1.39	1.19	0.82	0.40	0.37	0.25	0.09	190.
195.	0.90	0.83	0.53	0.29	0.24	0.19	0.07	195.
200.	0.37	0.52	0.27	0.08	0.10	0.11	0.04	200.
205.	-0.04	0.30	0.00	-0.05	-0.00	0.00	0.02	205.
210.	-0.31	0.12	-0.08	-0.11	-0.08	0.01	0.00	210.
215.	-0.48	-0.05	-0.20	-0.16	-0.14	-0.12	-0.01	215.
220.	-0.59	-0.23	-0.28	-0.20	-0.19	-0.04	-0.03	220.
225.	-0.66	-0.37	-0.31	-0.24	-0.23	-0.06	-0.05	225.
230.	-0.73	-0.47	-0.32	-0.27	-0.26	-0.08	-0.05	230.
235.	-0.80	-0.54	-0.36	-0.29	-0.29	-0.09	-0.04	235.
240.	-0.84	-0.57	-0.34	-0.30	-0.30	-0.09	-0.03	240.
245.	-0.85	-0.57	-0.34	-0.29	-0.31	-0.10	-0.09	245.
250.	-0.85	-0.57	-0.33	-0.29	-0.32	-0.09	-0.10	250.
255.	-0.83	-0.57	-0.31	-0.29	-0.32	-0.09	-0.10	255.
260.	-0.81	-0.56	-0.30	-0.30	-0.31	-0.09	-0.11	260.
265.	-0.81	-0.55	-0.29	-0.28	-0.30	-0.09	-0.11	265.
270.	-0.81	-0.54	-0.28	-0.26	-0.28	-0.08	-0.11	270.
275.	-0.81	-0.52	-0.27	-0.25	-0.26	-0.07	-0.10	275.
280.	-0.81	-0.51	-0.27	-0.25	-0.25	-0.07	-0.10	280.
285.	-0.81	-0.51	-0.26	-0.25	-0.26	-0.07	-0.10	285.
290.	-0.81	-0.51	-0.26	-0.25	-0.27	-0.07	-0.09	290.
295.	-0.82	-0.51	-0.26	-0.25	-0.28	-0.05	-0.08	295.
300.	-0.82	-0.51	-0.26	-0.25	-0.28	-0.03	-0.10	300.
305.	-0.83	-0.52	-0.26	-0.25	-0.26	-0.03	-0.11	305.
310.	-0.83	-0.51	-0.26	-0.24	-0.25	-0.02	-0.11	310.
315.	-0.83	-0.49	-0.26	-0.24	-0.23	-0.01	-0.10	315.
320.	-0.82	-0.48	-0.26	-0.23	-0.22	0.01	-0.08	320.
325.	-0.80	-0.48	-0.26	-0.22	-0.21	0.02	-0.04	325.
330.	-0.78	-0.48	-0.26	-0.21	-0.19	0.02	-0.01	330.
335.	-0.81	-0.50	-0.28	-0.21	-0.17	0.01	0.03	335.
340.	-0.87	-0.59	-0.31	-0.23	-0.19	-0.02	-0.02	340.
345.	-0.94	-0.68	-0.42	-0.28	-0.24	-0.04	-0.03	345.
350.	-0.96	-0.84	-0.25	-0.22	-0.24	-0.04	-0.03	350.
355.	-0.89	-0.25	-0.21	-0.18	-0.18	-0.09	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CNTR NO. 226 TCN= 39. C.R.= 0.7

DIFFERENTIAL PRESSURES

SPAN STATION 110.7								
AZ	CHORD STATION							AZ
DEG.	0.455	1.340	1.950	2.990	4.550	7.150	10.430	DEG.
6.	-1.68	-0.92	-0.72	-0.48	-0.43	-0.99	-0.04	6.
9.	-1.83	-1.25	-0.80	-0.59	-0.48	-0.17	-0.04	9.
10.	-2.02	-1.42	-1.01	-0.72	-0.52	-0.23	-0.07	10.
15.	-1.92	-1.39	-0.96	-0.69	-0.44	-0.29	-0.12	15.
20.	-1.40	-1.42	-0.69	-0.55	-0.28	-0.32	-0.16	20.
25.	-0.68	-1.01	-0.64	-0.34	-0.11	-0.24	-0.12	25.
30.	-0.20	-0.59	0.12	-0.37	0.00	-0.17	-0.11	30.
35.	0.07	-0.30	0.36	0.02	0.20	-0.14	-0.11	35.
40.	0.27	-0.10	0.04	0.02	0.31	-0.11	-0.10	40.
45.	0.64	0.04	0.11	0.09	0.44	-0.39	-0.39	45.
50.	0.97	0.17	0.21	0.14	0.49	-0.08	-0.09	50.
55.	1.14	0.36	0.30	0.19	0.42	-0.08	-0.12	55.
60.	1.23	0.44	0.31	0.20	0.33	-0.39	-0.16	60.
65.	1.20	0.44	0.24	0.19	0.37	-0.11	-0.16	65.
70.	1.12	0.35	0.15	0.14	0.45	-0.11	-0.12	70.
75.	0.99	0.22	0.04	0.05	0.40	-0.15	-0.13	75.
80.	0.74	0.08	-0.10	-0.37	0.31	-0.18	-0.14	80.
85.	0.54	-0.07	-0.21	-0.14	0.24	-0.19	-0.14	85.
90.	0.56	-0.11	-0.22	-0.11	0.28	-0.17	-0.11	90.
95.	0.82	0.02	-0.04	-0.01	0.34	-0.13	-0.09	95.
100.	1.19	0.24	0.16	0.13	0.41	-0.39	-0.07	100.
105.	1.51	0.50	0.32	0.29	0.40	-0.34	-0.06	105.
110.	1.82	0.81	0.44	0.42	0.53	-0.03	-0.34	110.
115.	2.01	1.09	0.59	0.47	0.54	0.02	-0.03	115.
120.	1.93	1.28	0.65	0.41	0.49	0.32	-0.02	120.
125.	1.49	1.00	0.37	0.23	0.30	0.00	-0.03	125.
130.	0.86	0.76	0.04	0.05	0.25	-0.01	-0.02	130.
135.	0.44	0.28	-0.11	-0.01	0.19	-0.31	-0.00	135.
140.	0.53	0.12	-0.09	0.00	0.16	-0.71	0.31	140.
145.	0.23	0.28	0.04	0.02	0.14	-0.30	0.01	145.
150.	0.60	0.29	0.14	0.10	0.14	0.31	0.02	150.
155.	0.69	0.35	0.24	0.16	0.16	0.06	0.03	155.
160.	0.84	0.50	0.35	0.24	0.20	0.08	0.05	160.
165.	1.02	0.71	0.48	0.33	0.25	0.13	0.07	165.
170.	1.24	0.90	0.62	0.44	0.30	0.19	0.39	170.
175.	1.50	1.07	0.79	0.54	0.35	0.23	0.12	175.
180.	1.41	1.20	0.82	0.58	0.36	0.27	0.15	180.
185.	1.20	1.24	0.80	0.57	0.33	0.30	0.16	185.
190.	1.05	1.16	0.71	0.51	0.24	0.29	0.16	190.
195.	0.77	1.00	0.60	0.42	0.16	0.27	0.15	195.
200.	0.49	0.80	0.44	0.33	0.00	0.23	0.13	200.
205.	0.20	0.59	0.34	0.24	0.01	0.19	0.11	205.
210.	0.03	0.36	0.25	0.16	-0.06	0.14	0.09	210.
215.	-0.16	0.20	0.15	0.09	-0.12	0.13	0.08	215.
220.	-0.32	0.06	0.04	0.04	-0.17	0.06	0.00	220.
225.	-0.45	-0.03	-0.05	-0.00	-0.21	0.03	0.00	225.
230.	-0.56	-0.14	-0.09	-0.04	-0.23	0.01	0.00	230.
235.	-0.66	-0.22	-0.12	-0.09	-0.26	-0.00	0.07	235.
240.	-0.74	-0.28	-0.16	-0.12	-0.28	-0.01	0.06	240.
245.	-0.84	-0.33	-0.20	-0.15	-0.31	-0.03	0.05	245.
250.	-0.91	-0.37	-0.24	-0.17	-0.33	0.00	0.04	250.
255.	-0.96	-0.40	-0.27	-0.19	-0.35	0.01	0.04	255.
260.	-0.98	-0.41	-0.28	-0.21	-0.36	0.01	0.04	260.
265.	-0.97	-0.42	-0.28	-0.22	-0.37	0.02	0.04	265.
270.	-1.00	-0.42	-0.28	-0.22	-0.37	0.02	0.04	270.
275.	-0.97	-0.41	-0.27	-0.22	-0.37	0.03	0.04	275.
280.	-0.99	-0.47	-0.27	-0.21	-0.36	0.03	0.06	280.
285.	-0.99	-0.43	-0.26	-0.20	-0.34	0.03	0.06	285.
290.	-0.90	-0.43	-0.25	-0.19	-0.34	0.04	0.06	290.
295.	-0.92	-0.44	-0.24	-0.18	-0.33	0.04	0.06	295.
300.	-0.90	-0.45	-0.23	-0.18	-0.32	0.04	0.06	300.
305.	-0.90	-0.47	-0.23	-0.18	-0.31	0.04	0.06	305.
310.	-0.99	-0.49	-0.22	-0.18	-0.31	0.04	0.05	310.
315.	-1.00	-0.50	-0.22	-0.18	-0.30	0.04	0.05	315.
320.	-1.00	-0.50	-0.22	-0.17	-0.30	0.05	0.04	320.
325.	-0.99	-0.49	-0.23	-0.18	-0.30	0.02	0.02	325.
330.	-0.93	-0.44	-0.21	-0.15	-0.29	0.06	0.01	330.
335.	-0.83	-0.41	-0.17	-0.11	-0.26	0.05	-0.01	335.
340.	-0.69	-0.36	-0.12	-0.08	-0.23	0.04	-0.02	340.
345.	-0.54	-0.28	-0.06	-0.07	-0.21	0.02	-0.03	345.
350.	-0.56	-0.24	-0.12	-0.06	-0.22	0.01	-0.04	350.
355.	-0.56	-0.21	-0.14	-0.17	-0.32	-0.01	-0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CNTR NO. 226 YCN= 39. C.R.= 8.0

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEG.	3.455	1.040	1.950	2.990	4.550	7.140	10.400	DEG.
0.	-0.41	-0.49	-0.28	-0.46	-0.28	-0.04	-0.00	0.
5.	-0.40	-0.69	-0.89	-0.50	-0.31	-0.11	-0.31	5.
10.	-0.38	-0.36	-0.55	-0.30	-0.19	-0.09	-0.01	10.
15.	-0.70	-0.55	-0.50	-0.38	-0.24	-0.12	-0.01	15.
20.	-0.74	-0.65	-0.54	-0.28	-0.24	-0.15	-0.02	20.
25.	-0.29	-0.38	-0.38	-0.12	-0.12	-0.12	-0.02	25.
30.	0.42	0.11	-0.13	0.06	0.02	-0.08	-0.02	30.
35.	1.09	0.59	0.09	0.27	0.16	-0.04	-0.03	35.
40.	1.55	0.91	0.29	0.49	0.28	-0.09	0.01	40.
45.	1.75	1.15	0.48	0.71	0.39	0.00	0.01	45.
50.	1.88	1.34	0.63	0.89	0.49	-0.03	0.00	50.
55.	1.90	1.47	0.72	0.99	0.57	-0.01	-0.00	55.
60.	1.77	1.56	0.73	1.02	0.60	0.03	0.01	60.
65.	1.52	1.37	0.67	1.00	0.59	-0.02	0.02	65.
70.	1.14	1.10	0.55	0.94	0.56	-0.10	-0.02	70.
75.	0.73	0.82	0.34	0.80	0.50	-0.16	-0.05	75.
80.	0.37	0.57	0.02	0.85	0.41	-0.20	-0.07	80.
85.	0.12	0.37	-0.25	0.79	0.32	-0.23	-0.18	85.
90.	-0.02	0.27	-0.37	0.60	0.25	-0.32	-0.19	90.
95.	-0.05	0.30	-0.35	0.76	0.24	-0.37	-0.15	95.
100.	0.00	0.40	-0.22	0.90	0.14	-0.39	-0.09	100.
105.	0.13	0.61	-0.32	0.52	0.08	-0.26	-0.08	105.
110.	-0.62	0.15	-0.75	0.27	0.07	-0.23	-0.07	110.
115.	-1.30	-0.36	-0.99	0.05	0.05	-0.29	-0.08	115.
120.	-0.98	-0.35	-0.97	0.01	-0.03	-0.30	-0.10	120.
125.	-1.00	-0.44	-0.96	-0.03	-0.11	-0.31	-0.11	125.
130.	-1.14	-0.59	-0.97	-0.14	-0.16	-0.31	-0.12	130.
135.	-1.35	-0.76	-0.98	-0.24	-0.19	-0.32	-0.13	135.
140.	-1.52	-0.91	-0.97	-0.29	-0.20	-0.30	-0.13	140.
145.	-1.55	-0.99	-0.93	-0.35	-0.19	-0.28	-0.13	145.
150.	-1.41	-0.97	-0.81	-0.28	-0.17	-0.22	-0.12	150.
155.	-1.18	-0.78	-0.56	-0.19	-0.12	-0.16	-0.10	155.
160.	-0.89	-0.48	-0.29	-0.06	-0.06	-0.09	-0.08	160.
165.	-0.47	-0.13	-0.10	0.05	0.03	0.00	-0.05	165.
170.	-0.05	0.18	0.08	0.14	0.14	0.07	-0.02	170.
175.	0.31	0.43	0.20	0.23	0.27	0.13	0.02	175.
180.	0.64	0.58	0.46	0.29	0.38	0.16	0.03	180.
185.	0.84	0.61	0.54	0.31	0.38	0.18	0.04	185.
190.	0.87	0.57	0.61	0.29	0.28	0.18	0.04	190.
195.	0.83	0.52	0.62	0.24	0.19	0.19	0.04	195.
200.	0.73	0.45	0.61	0.16	0.13	0.20	0.04	200.
205.	0.62	0.36	0.57	0.08	0.09	0.23	0.04	205.
210.	0.52	0.26	0.52	0.01	0.05	0.19	0.04	210.
215.	0.42	0.18	0.46	-0.05	0.01	0.18	0.05	215.
220.	0.32	0.12	0.39	-0.09	-0.02	0.17	0.05	220.
225.	0.21	0.04	0.34	-0.15	-0.05	0.17	0.04	225.
230.	0.10	-0.06	0.31	-0.22	-0.09	0.17	0.04	230.
235.	0.01	-0.18	0.29	-0.28	-0.13	0.18	0.04	235.
240.	-0.07	-0.24	0.27	-0.33	-0.16	0.17	0.04	240.
245.	-0.14	-0.28	0.25	-0.37	-0.18	0.16	0.04	245.
250.	-0.19	-0.31	0.22	-0.41	-0.19	0.15	0.04	250.
255.	-0.24	-0.33	0.20	-0.43	-0.20	0.15	0.04	255.
260.	-0.27	-0.35	0.17	-0.44	-0.21	0.14	0.05	260.
265.	-0.29	-0.36	0.15	-0.44	-0.23	0.15	0.04	265.
270.	-0.30	-0.36	0.14	-0.44	-0.24	0.14	0.04	270.
275.	-0.29	-0.35	0.14	-0.43	-0.24	0.14	0.05	275.
280.	-0.28	-0.34	0.14	-0.42	-0.24	0.15	0.05	280.
285.	-0.25	-0.32	0.15	-0.40	-0.23	0.16	0.04	285.
290.	-0.21	-0.29	0.16	-0.38	-0.21	0.17	0.04	290.
295.	-0.16	-0.27	0.18	-0.36	-0.19	0.18	0.07	295.
300.	-0.10	-0.24	0.20	-0.34	-0.17	0.19	0.08	300.
305.	-0.07	-0.22	0.22	-0.33	-0.15	0.19	0.07	305.
310.	0.01	-0.18	0.23	-0.32	-0.13	0.19	0.10	310.
315.	0.00	-0.14	0.24	-0.31	-0.12	0.18	0.09	315.
320.	0.10	-0.11	0.24	-0.29	-0.12	0.17	0.07	320.
325.	0.18	-0.08	0.22	-0.28	-0.11	0.15	0.07	325.
330.	0.14	-0.05	0.15	-0.36	-0.16	0.12	0.06	330.
335.	-0.31	-0.37	0.02	-0.47	-0.23	0.07	0.04	335.
340.	-0.60	-0.64	-0.22	-0.54	-0.30	0.02	0.03	340.
345.	-0.63	-0.70	-0.26	-0.51	-0.33	-0.02	0.01	345.
350.	-0.43	-0.54	-0.16	-0.45	-0.25	-0.01	-0.00	350.
355.	-0.27	-0.32	-0.20	-0.40	-0.21	0.01	-0.00	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CTR NO. 226 TCN= 39. C.R.= 0.0

DIFFERENTIAL PRESSURES

SPAN STATION 178.5

AZ	CHORD STATION							AZ
DEG.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	DEG.
0.	-0.28	0.14	-0.11	0.07	-0.16	-0.36	-0.04	0.
5.	-0.19	0.14	-0.12	0.09	-0.14	-0.31	-0.02	5.
10.	-0.43	0.00	-0.16	0.07	-0.13	-0.34	-0.22	10.
15.	-0.40	-0.17	-0.25	0.03	-0.12	-0.10	-0.33	15.
20.	-0.46	-0.20	-0.23	0.03	-0.32	-0.10	-0.32	20.
25.	-0.33	0.07	-0.13	0.10	0.11	-0.32	-0.01	25.
30.	0.65	0.58	0.15	0.29	0.23	0.36	0.01	30.
35.	1.10	0.86	0.27	0.42	0.34	0.36	0.33	35.
40.	1.14	0.96	0.33	0.49	0.46	0.17	0.34	40.
45.	1.27	0.98	0.39	0.50	0.59	0.10	0.36	45.
50.	1.33	1.04	0.49	0.53	0.77	0.25	0.47	50.
55.	1.36	1.07	0.60	0.70	0.88	0.27	0.07	55.
60.	1.29	0.81	0.79	1.13	0.88	0.23	0.65	60.
65.	1.07	0.66	0.80	1.11	1.08	0.15	0.62	65.
70.	0.72	0.31	0.52	0.77	1.61	0.27	-0.62	70.
75.	0.35	-0.01	0.32	0.33	1.76	-0.13	-0.57	75.
80.	0.00	-0.43	0.31	0.13	1.19	-0.45	-0.10	80.
85.	-0.20	-0.99	0.12	0.10	0.69	-0.58	-0.12	85.
90.	-0.69	-1.55	-0.31	0.08	0.21	-0.64	-0.11	90.
95.	-1.20	-2.06	-0.90	-0.20	-0.22	-0.82	-0.01	95.
100.	-1.70	-2.50	-1.26	-0.55	-0.65	-1.11	0.11	100.
105.	-1.78	-2.61	-1.25	-0.61	-0.86	-1.01	0.13	105.
110.	-1.96	-2.43	-1.03	-0.67	-0.58	-0.62	0.10	110.
115.	-1.35	-2.27	-0.89	-0.71	-0.53	-0.12	0.07	115.
120.	-1.36	-2.31	-0.92	-0.67	-0.65	0.16	0.63	120.
125.	-1.54	-2.42	-1.07	-0.72	-2.56	0.22	0.01	125.
130.	-1.72	-2.47	-1.20	-1.29	-2.15	0.39	-0.01	130.
135.	-2.06	-2.72	-1.80	-2.24	-0.26	-0.12	-0.05	135.
140.	-2.57	-3.34	-2.49	-2.03	-0.70	-0.29	-0.26	140.
145.	-2.81	-3.46	-2.63	-1.31	-0.50	-0.34	-0.66	145.
150.	-2.73	-2.96	-2.37	-1.01	-0.62	-0.31	-0.35	150.
155.	-2.60	-2.19	-1.85	-0.91	-0.58	-0.26	-0.04	155.
160.	-2.01	-1.89	-1.46	-0.85	-0.45	-0.20	-0.12	160.
165.	-1.54	-1.34	-1.10	-0.80	-0.33	-0.13	-0.10	165.
170.	-1.00	-0.95	-0.80	-0.67	-0.21	-0.06	0.22	170.
175.	-0.53	-0.45	-0.37	-0.53	-0.20	-0.01	0.03	175.
180.	-0.09	0.12	-0.16	-0.23	-0.00	0.07	0.04	180.
185.	0.30	0.47	0.14	-0.05	0.06	0.11	0.04	185.
190.	0.60	0.76	0.29	0.13	0.11	0.13	0.04	190.
195.	0.77	0.93	0.42	0.21	0.12	0.14	0.03	195.
200.	0.81	0.98	0.41	0.22	0.11	0.14	0.03	200.
205.	0.72	0.96	0.54	0.21	0.29	0.14	0.02	205.
210.	0.63	0.97	0.54	0.17	0.36	0.13	0.02	210.
215.	0.57	0.97	0.54	0.15	0.33	0.13	0.01	215.
220.	0.52	0.96	0.54	0.16	0.31	0.14	0.00	220.
225.	0.49	0.95	0.55	0.17	-0.21	0.14	0.00	225.
230.	0.48	0.94	0.55	0.18	-0.32	0.15	-0.00	230.
235.	0.50	0.92	0.54	0.18	-0.03	0.16	-0.00	235.
240.	0.53	0.93	0.55	0.19	-0.03	0.17	-0.01	240.
245.	0.56	0.94	0.56	0.19	-0.04	0.18	-0.01	245.
250.	0.57	0.95	0.55	0.20	-0.04	0.18	-0.01	250.
255.	0.55	0.96	0.57	0.20	-0.04	0.18	-0.02	255.
260.	0.53	0.97	0.58	0.21	-0.04	0.19	-0.02	260.
265.	0.52	0.98	0.58	0.21	-0.05	0.19	-0.02	265.
270.	0.53	0.99	0.57	0.22	-0.05	0.19	-0.02	270.
275.	0.54	0.99	0.56	0.23	-0.06	0.18	-0.02	275.
280.	0.57	1.00	0.55	0.24	-0.03	0.18	-0.02	280.
285.	0.60	1.02	0.58	0.25	-0.01	0.19	-0.01	285.
290.	0.65	1.04	0.64	0.27	0.01	0.20	-0.00	290.
295.	0.71	1.06	0.71	0.29	0.03	0.21	0.00	295.
300.	0.77	1.11	0.76	0.31	0.05	0.22	0.01	300.
305.	0.83	1.16	0.78	0.34	0.06	0.23	0.01	305.
310.	0.87	1.21	0.79	0.36	0.08	0.23	0.02	310.
315.	0.90	1.25	0.79	0.40	0.10	0.23	0.02	315.
320.	0.91	1.27	0.79	0.44	0.15	0.23	0.01	320.
325.	0.92	1.27	0.79	0.46	0.18	0.22	0.00	325.
330.	0.90	1.25	0.77	0.46	0.18	0.21	-0.00	330.
335.	0.87	1.22	0.72	0.43	0.16	0.19	-0.00	335.
340.	0.85	1.13	0.67	0.38	0.08	0.16	-0.00	340.
345.	0.96	0.75	0.46	0.24	-0.03	0.29	-0.02	345.
350.	0.77	0.31	-0.02	0.05	-0.14	-0.30	-0.04	350.
355.	0.05	0.08	0.05	0.07	-0.18	-0.36	-0.05	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST#494 CNTR NO. 226 TCN# 39. C.R.# 8.0

DIFFERENTIAL PRESSURES

SPAN STATION 100.0

AZ	CHORD STATION							AZ
DEG.	0.455	1.340	1.953	2.990	4.550	7.150	15.403	DEG.
3.	-0.46	-0.27	-0.42	-0.01	-0.11	0.19	-0.03	0.
5.	-0.16	0.05	-0.24	0.08	0.12	0.29	0.01	5.
13.	-0.29	-0.10	-0.25	0.11	0.15	0.20	0.03	13.
15.	-0.14	-0.07	-0.22	0.05	0.09	0.14	0.01	15.
20.	-0.17	-0.18	-0.31	-0.01	0.09	0.13	0.01	20.
25.	0.28	0.17	-0.08	0.11	0.15	0.19	0.04	25.
30.	0.07	0.57	0.21	0.22	0.23	0.22	0.27	30.
35.	1.29	0.81	0.37	0.29	0.40	0.22	0.07	35.
40.	1.36	0.85	0.70	0.31	0.66	0.24	0.04	40.
45.	1.39	0.92	1.15	0.41	0.95	0.29	0.08	45.
50.	1.55	0.99	1.40	0.69	1.16	0.31	0.09	50.
55.	1.50	0.94	1.73	1.21	1.20	0.27	0.07	55.
60.	1.32	0.81	1.63	1.29	1.92	0.17	0.02	60.
65.	1.06	0.62	1.37	0.64	2.36	0.07	-0.06	65.
70.	0.74	0.40	1.21	0.06	1.68	-0.19	-0.14	70.
75.	0.45	0.15	1.15	-0.21	0.88	-0.29	-0.20	75.
80.	0.12	-0.15	1.13	-0.27	0.62	-0.57	-0.21	80.
85.	-0.31	-0.58	0.95	-0.29	-0.19	-0.96	-0.17	85.
90.	-1.14	-1.41	0.42	-0.51	-0.52	-3.30	-0.04	90.
95.	-1.45	-2.14	-0.10	-0.93	-0.89	-3.78	0.06	95.
100.	-1.97	-2.20	-0.56	-1.16	-0.89	-2.44	-0.02	100.
105.	-1.86	-2.07	-0.61	-1.15	-0.83	-1.23	-0.03	105.
110.	-1.73	-1.93	-0.54	-1.04	-0.76	-0.61	0.12	110.
115.	-1.70	-1.93	-0.63	-0.98	-0.63	-0.72	0.26	115.
120.	-1.72	-1.90	-0.79	-1.22	-0.59	-0.85	0.27	120.
125.	-1.79	-2.03	-0.92	-1.13	-0.77	-0.84	0.20	125.
130.	-1.99	-2.16	-1.14	-1.09	-1.44	0.35	0.12	130.
135.	-2.38	-2.41	-1.60	-1.87	-2.91	0.50	0.03	135.
140.	-2.82	-2.72	-2.29	-2.94	-1.51	0.33	-0.04	140.
145.	-3.12	-3.08	-2.77	-3.25	0.21	-0.16	-0.08	145.
150.	-3.26	-3.13	-2.81	-2.35	-0.33	-0.23	-0.10	150.
155.	-3.17	-2.71	-2.50	-1.31	-0.47	-0.11	-0.16	155.
160.	-2.77	-2.18	-2.11	-0.94	-0.45	-0.07	-0.08	160.
165.	-2.17	-1.83	-1.65	-0.77	-0.35	0.02	-0.03	165.
170.	-1.50	-0.99	-0.98	-0.61	-0.20	0.13	-0.04	170.
175.	-0.85	-0.35	-0.60	-0.25	-0.02	0.17	-0.02	175.
180.	-0.26	0.09	-0.36	-0.08	0.38	0.24	-0.01	180.
185.	0.17	0.41	-0.49	0.13	0.14	0.28	-0.01	185.
190.	0.47	0.44	0.11	0.24	0.12	0.29	-0.02	190.
195.	0.67	0.77	0.17	0.36	0.06	0.39	-0.02	195.
200.	0.75	0.83	0.18	0.40	0.34	0.31	-0.03	200.
205.	0.74	0.83	0.20	0.42	0.32	0.30	-0.03	205.
210.	0.68	0.82	0.20	0.43	0.32	0.29	-0.04	210.
215.	0.60	0.79	0.20	0.43	0.31	0.29	-0.03	215.
220.	0.57	0.75	0.20	0.42	0.01	0.30	-0.03	220.
225.	0.57	0.74	0.20	0.44	-0.01	0.31	-0.02	225.
230.	0.58	0.74	0.21	0.46	-0.02	0.31	-0.02	230.
235.	0.60	0.75	0.22	0.48	-0.04	0.32	-0.01	235.
240.	0.63	0.76	0.23	0.50	-0.05	0.33	-0.01	240.
245.	0.66	0.79	0.25	0.53	-0.05	0.35	-0.01	245.
250.	0.69	0.82	0.28	0.55	-0.05	0.35	-0.01	250.
255.	0.71	0.86	0.31	0.56	-0.05	0.36	-0.01	255.
260.	0.73	0.89	0.33	0.57	-0.04	0.36	-0.02	260.
265.	0.75	0.91	0.35	0.58	-0.04	0.33	-0.02	265.
270.	0.7	0.93	0.35	0.59	-0.04	0.33	-0.02	270.
275.	0.77	0.94	0.36	0.60	-0.04	0.34	-0.02	275.
280.	0.78	0.96	0.37	0.61	-0.04	0.35	-0.01	280.
285.	0.81	0.98	0.39	0.62	-0.02	0.35	-0.01	285.
290.	0.86	1.01	0.41	0.64	-0.03	0.37	0.00	290.
295.	0.93	1.05	0.45	0.66	-0.04	0.38	0.01	295.
300.	1.03	1.09	0.49	0.68	-0.03	0.39	0.02	300.
305.	1.15	1.14	0.54	0.71	-0.03	0.40	0.02	305.
310.	1.24	1.24	0.58	0.73	-0.11	0.40	0.02	310.
315.	1.34	1.30	0.62	0.76	-0.13	0.41	0.03	315.
320.	1.38	1.33	0.65	0.76	-0.13	0.41	0.03	320.
325.	1.39	1.32	0.65	0.75	-0.13	0.40	0.03	325.
330.	1.33	1.27	0.63	0.72	-0.12	0.40	0.04	330.
335.	1.23	1.28	0.55	0.69	-0.10	0.39	0.04	335.
340.	1.25	1.30	0.47	0.70	-0.06	0.37	0.03	340.
345.	1.05	0.88	0.37	0.62	-0.06	0.33	0.02	345.
350.	0.17	0.10	0.03	0.34	-0.06	0.27	-0.01	350.
355.	-0.40	-0.21	-0.30	0.10	-0.13	0.14	-0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-404 CWT# NO. 226 TCM- 39. C.R. 8.3

DIFFERENTIAL PRESSURES

SPAN STATION 100.5								
CHORD STATION								
AZ	0.455	1.040	1.050	2.002	4.520	7.190	10.400	AZ
000.	0.455	1.040	1.050	2.002	4.520	7.190	10.400	000.
0.	-0.73	-0.75	-0.67	-0.31	-0.10	-0.12	-0.23	0.
5.	-0.21	0.12	-0.30	0.04	-0.01	-0.37	0.25	5.
10.	0.11	0.30	-0.15	0.04	0.00	-0.94	0.01	10.
15.	-0.11	0.20	-0.34	-0.12	0.04	-0.14	-0.02	15.
20.	-0.29	-0.10	-0.42	-0.14	0.02	-0.15	-0.02	20.
25.	-0.03	0.17	-0.20	0.00	0.00	-0.12	-0.00	25.
30.	0.00	0.04	-0.14	0.00	0.10	-0.11	0.32	30.
35.	1.25	0.05	-0.11	0.01	0.20	-0.13	0.03	35.
40.	1.45	0.04	0.00	0.23	0.40	-0.11	0.03	40.
45.	1.44	0.05	1.14	0.07	0.37	-0.10	0.03	45.
50.	1.35	0.01	1.34	1.00	0.04	-0.19	0.02	50.
55.	1.44	0.04	1.32	2.30	1.34	-0.30	-0.00	55.
60.	1.45	1.05	1.19	1.50	1.44	-0.44	-0.04	60.
65.	1.52	0.00	1.12	0.54	1.29	-0.34	-0.10	65.
70.	1.30	0.70	1.04	3.20	0.04	0.10	-0.27	70.
75.	0.00	0.27	0.95	-0.10	0.37	-0.22	-0.20	75.
80.	0.34	-0.27	0.70	-0.34	0.22	-1.24	-0.04	80.
85.	-0.03	-0.90	0.34	-0.04	-0.10	-0.37	0.02	85.
90.	-1.45	-1.04	-0.15	-1.19	-0.54	-1.32	-0.22	90.
95.	-1.01	-1.00	-0.45	-1.30	-0.09	-0.50	-0.51	95.
100.	-1.00	-1.00	-0.49	-1.17	-0.74	-0.02	-0.47	100.
105.	-1.00	-1.72	-0.44	-0.99	-0.76	1.05	-0.45	105.
110.	-1.31	-1.39	-0.44	-0.64	-0.77	1.44	-0.11	110.
115.	-1.44	-1.37	-0.44	-0.80	-0.80	1.43	0.12	115.
120.	-1.47	-1.30	-0.33	-0.60	-0.60	0.23	0.27	120.
125.	-1.37	-1.39	-0.43	-0.97	-0.02	-1.14	0.33	125.
130.	-1.77	-1.62	-0.43	-1.12	-1.32	-0.57	0.20	130.
135.	-2.04	-1.70	-0.40	-1.44	-2.37	0.10	0.10	135.
140.	-2.37	-2.10	-1.62	-2.00	-2.73	-0.00	0.00	140.
145.	-2.62	-2.04	-2.02	-3.17	-0.00	-0.41	0.02	145.
150.	-2.91	-2.75	-2.41	-2.39	-0.35	-0.33	0.01	150.
155.	-2.94	-2.00	-2.40	-1.19	-0.41	-0.44	0.01	155.
160.	-2.70	-2.59	-2.14	-0.00	-0.49	-0.34	0.02	160.
165.	-2.22	-2.00	-1.04	-0.07	-0.37	-0.30	0.03	165.
170.	-1.31	-1.41	-1.12	-0.45	-0.23	-0.74	0.03	170.
175.	-0.91	-0.02	-0.70	-0.30	-0.10	-0.17	0.00	175.
180.	-0.44	-0.35	-0.43	-0.00	0.31	-0.07	0.04	180.
185.	0.05	-0.01	-0.22	0.17	0.09	0.02	0.07	185.
190.	0.39	0.24	-0.01	0.24	0.15	0.00	0.03	190.
195.	0.39	0.47	0.12	0.35	0.19	0.10	0.04	195.
200.	0.47	0.40	0.10	0.34	0.22	0.10	0.23	200.
205.	0.65	0.45	0.30	0.40	0.21	0.11	0.23	205.
210.	0.50	0.44	0.21	0.41	0.19	0.11	0.03	210.
215.	0.40	0.44	0.21	0.41	0.14	0.12	0.03	215.
220.	0.41	0.44	0.20	0.41	0.13	0.14	0.03	220.
225.	0.34	0.07	0.20	0.41	0.12	0.10	0.04	225.
230.	0.34	0.70	0.24	0.43	0.13	0.21	0.14	230.
235.	0.25	0.72	0.27	0.44	0.13	0.20	0.03	235.
240.	0.34	0.75	0.31	0.40	0.15	0.25	0.25	240.
245.	0.40	0.77	0.34	0.30	0.14	0.26	0.05	245.
250.	0.44	0.79	0.37	0.31	0.10	0.27	0.05	250.
255.	0.49	0.80	0.39	0.32	0.14	0.20	0.05	255.
260.	0.55	0.82	0.39	0.32	0.20	0.20	0.05	260.
265.	0.60	0.83	0.40	0.33	0.20	0.20	0.05	265.
270.	0.64	0.80	0.40	0.33	0.21	0.20	0.04	270.
275.	0.64	0.91	0.40	0.34	0.21	0.20	0.04	275.
280.	0.60	0.94	0.40	0.34	0.22	0.30	0.04	280.
285.	0.72	0.97	0.41	0.30	0.22	0.30	0.04	285.
290.	0.70	1.01	0.45	0.40	0.23	0.33	0.05	290.
295.	0.80	1.02	0.42	0.42	0.24	0.32	0.02	295.
300.	0.90	1.10	0.53	0.44	0.24	0.30	0.05	300.
305.	1.00	1.15	0.54	0.45	0.25	0.31	0.04	305.
310.	1.10	1.20	0.50	0.40	0.27	0.31	0.04	310.
315.	1.24	1.23	0.59	0.70	0.29	0.31	0.04	315.
320.	1.34	1.25	0.61	0.71	0.30	0.31	0.03	320.
325.	1.33	1.26	0.67	0.71	0.31	0.30	0.03	325.
330.	1.23	1.23	0.61	0.60	0.32	0.29	0.02	330.
335.	1.11	1.17	0.65	0.63	0.31	0.26	0.00	335.
340.	1.00	1.17	0.62	0.57	0.30	0.22	-0.00	340.
345.	0.92	1.03	0.64	0.52	0.26	0.19	-0.02	345.
350.	0.32	0.30	0.60	0.21	0.11	0.11	-0.03	350.
355.	-0.01	-0.30	-0.73	-0.13	-0.00	-0.05	-0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-497 CNTR NO. 254 TCN-40. C.R.-23.3

DIFFERENTIAL PRESSURES					
SPAN STATION 52.5					
AZ	CHORD STATION				AZ
SEC.	2.455	1.926	4.550	12.400	SEC.
0.	-0.04	-0.23	0.05	-0.37	3.
5.	-0.34	-0.09	0.00	-0.31	5.
10.	-0.02	-0.24	0.12	-0.04	10.
15.	-1.16	-0.44	0.11	-0.10	15.
20.	-1.01	-0.37	0.04	-0.11	20.
25.	-0.70	-0.33	0.3	-0.30	25.
30.	-0.04	-0.20	0.04	-0.00	30.
35.	-0.04	-0.30	0.02	-0.10	35.
40.	-0.02	-0.40	0.02	-0.00	40.
45.	-0.44	-0.21	0.04	-0.04	45.
50.	-0.00	-0.00	0.21	-0.01	50.
55.	0.00	-0.02	-0.03	0.31	55.
60.	0.12	-0.03	-0.04	0.01	60.
65.	0.04	-0.10	-0.30	-0.00	65.
70.	-0.37	-0.15	-0.30	-0.01	70.
75.	-0.30	-0.15	-0.30	-0.01	75.
80.	-0.02	-0.12	-0.07	-0.01	80.
85.	0.03	-0.06	-0.03	0.02	85.
90.	0.17	0.02	-0.04	0.02	90.
95.	0.30	0.12	0.03	0.00	95.
100.	0.03	0.25	0.05	0.13	100.
105.	0.00	0.30	0.07	0.10	105.
110.	1.05	0.5	0.11	0.22	110.
115.	1.20	0.04	0.10	0.25	115.
120.	1.45	0.75	0.10	0.20	120.
125.	1.50	0.03	0.10	0.20	125.
130.	1.00	0.00	0.10	0.30	130.
135.	1.77	0.02	0.10	0.31	135.
140.	1.02	0.00	0.10	0.31	140.
145.	1.04	0.02	0.10	0.30	145.
150.	1.01	0.00	0.10	0.20	150.
155.	1.75	0.04	0.10	0.27	155.
160.	1.05	0.70	0.15	0.25	160.
165.	1.31	0.71	0.15	0.22	165.
170.	1.32	0.03	0.15	0.19	170.
175.	1.07	0.51	0.12	0.14	175.
180.	0.76	0.33	0.09	0.10	180.
185.	0.37	0.12	0.04	0.05	185.
190.	0.10	-0.06	0.05	-0.00	190.
195.	-0.11	-0.17	0.04	-0.05	195.
200.	-0.33	-0.17	0.05	-0.11	200.
205.	-0.40	-0.22	0.31	-0.15	205.
210.	-0.32	-0.27	-0.33	-0.10	210.
215.	-0.40	-0.31	-0.37	-0.10	215.
220.	-0.40	-0.31	-0.10	-0.15	220.
225.	-0.47	-0.30	-0.12	-0.15	225.
230.	-0.40	-0.27	-0.13	-0.14	230.
235.	-0.40	-0.25	-0.13	-0.13	235.
240.	-0.40	-0.23	-0.14	-0.13	240.
245.	-0.40	-0.22	-0.14	-0.12	245.
250.	-0.40	-0.21	-0.15	-0.11	250.
255.	-0.47	-0.20	-0.15	-0.11	255.
260.	-0.40	-0.22	-0.15	-0.11	260.
265.	-0.40	-0.23	-0.14	-0.10	265.
270.	-0.30	-0.20	-0.13	-0.10	270.
275.	-0.31	-0.19	-0.13	-0.10	275.
280.	-0.31	-0.19	-0.14	-0.10	280.
285.	-0.32	-0.19	-0.10	-0.10	285.
290.	-0.32	-0.19	-0.21	-0.09	290.
295.	-0.33	-0.10	-0.24	-0.07	295.
300.	-0.34	-0.10	-0.21	-0.00	300.
305.	-0.34	-0.15	-0.15	-0.05	305.
310.	-0.41	-0.12	-0.14	-0.05	310.
315.	-0.41	-0.17	-0.09	-0.05	315.
320.	-0.30	-0.20	0.00	-0.03	320.
325.	-0.37	-0.12	0.10	0.00	325.
330.	-0.31	-0.14	0.15	0.04	330.
335.	-0.47	-0.13	0.30	-0.02	335.
340.	-0.04	-0.32	-0.03	-0.13	340.
345.	-0.07	-0.00	-0.32	-0.23	345.
350.	-0.00	-0.00	-0.00	-0.25	350.
355.	-1.05	-0.53	-0.02	-0.25	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-447 CWT 40. 256 TCM 40. C.R. 25.7

DIFFERENTIAL PRESSURES

SPAN STATION 70.4

AZ	CHILD STATION							AZ
066.	1.455	1.040	1.957	1.990	4.550	7.153	10.400	066.
9.	-2.19	-1.53	-3.00	-0.67	-0.53	-3.21	-2.63	9.
5.	-2.01	-1.19	-3.83	-0.52	-0.30	-3.12	0.22	5.
13.	-1.96	-0.76	-3.54	-0.30	-0.16	-3.11	0.11	13.
15.	-3.4	-0.36	-2.71	-0.99	-0.39	-0.01	0.13	15.
22.	-3.60	-0.57	-3.62	-0.36	-0.20	-3.11	0.32	22.
25.	-1.20	-1.02	-2.76	-0.62	-0.35	-3.10	-0.66	25.
32.	-1.39	-0.89	-0.78	-0.65	-0.21	-3.23	-0.03	32.
35.	-0.06	-0.56	-3.57	-0.37	-3.25	-3.10	-0.02	35.
49.	-0.66	-0.31	-0.39	-3.20	-0.11	-3.12	-0.20	49.
45.	-0.21	-0.17	0.23	-0.14	-0.27	-3.11	-0.05	45.
52.	-0.08	-0.11	-0.26	-0.11	-0.26	-3.13	-0.02	52.
55.	-0.94	-0.21	-0.27	-0.11	-0.37	-3.15	-0.04	55.
65.	-3.05	-0.11	-3.26	-0.12	-3.37	-3.17	-0.25	65.
65.	-3.09	-0.13	-3.26	-0.12	-3.06	-3.18	-0.26	65.
70.	-0.14	-0.15	-0.25	-0.12	-0.31	-0.17	-0.12	70.
75.	-3.17	-0.13	-0.23	-0.12	0.36	-0.15	-0.02	75.
89.	-3.15	-0.07	-0.21	-0.07	0.12	-3.15	-0.01	89.
85.	-3.05	0.00	-0.16	-0.03	3.16	-3.16	-0.01	85.
90.	0.12	0.10	-0.07	0.06	3.19	-3.12	-0.23	90.
95.	0.32	0.27	0.17	0.13	3.26	-3.07	0.31	95.
100.	3.58	0.44	0.25	0.25	3.33	-0.33	3.04	100.
105.	3.09	0.76	3.65	0.30	3.65	3.36	0.76	105.
112.	1.24	0.99	0.63	0.51	3.56	3.12	0.59	112.
115.	1.59	1.23	0.79	0.62	3.54	3.17	0.11	115.
125.	1.00	1.03	0.07	0.70	0.70	3.23	0.12	125.
125.	2.12	1.55	1.02	0.76	3.76	3.25	0.16	125.
130.	2.30	1.62	1.09	0.79	3.75	3.28	0.16	130.
135.	2.62	1.66	1.16	0.79	3.74	3.24	0.15	135.
142.	2.60	1.68	1.17	0.76	3.73	3.27	0.15	142.
145.	2.65	1.67	1.16	0.77	3.65	3.26	0.14	145.
150.	2.64	1.66	1.14	0.76	3.61	3.25	0.12	150.
155.	2.51	1.60	1.15	0.77	3.60	3.26	0.13	155.
160.	2.56	1.72	1.19	0.80	3.62	3.29	0.13	160.
165.	2.56	1.73	1.22	0.82	3.61	3.31	0.16	165.
175.	2.67	1.60	1.22	0.81	3.60	3.33	0.16	175.
175.	2.77	1.54	1.17	0.76	3.56	3.33	0.14	175.
180.	1.96	1.28	1.06	0.64	3.67	3.33	0.13	180.
185.	1.52	0.93	3.84	0.52	0.34	0.25	0.11	185.
190.	1.00	0.54	0.55	0.35	0.22	3.13	0.09	190.
195.	2.67	0.29	3.31	0.19	0.26	3.12	0.06	195.
205.	3.00	0.10	3.17	0.36	-0.20	3.35	0.22	205.
205.	-3.35	0.11	-0.17	-0.06	-0.17	0.01	-0.23	205.
210.	-3.52	-0.25	-0.13	-0.13	-0.22	-0.02	-0.32	210.
215.	-3.64	-0.29	-0.29	-0.19	-0.25	-0.05	-0.02	215.
220.	-3.60	-0.46	-0.35	-0.26	-0.29	-0.07	-0.03	220.
225.	-3.70	-0.55	-0.39	-0.27	-0.32	-0.09	-0.25	225.
232.	-0.05	-0.01	-0.64	-0.31	-0.36	-0.13	-0.20	232.
235.	-0.05	-0.00	-0.60	-0.32	-0.36	-0.11	-0.29	235.
240.	-0.02	-0.00	-0.39	-0.31	-0.35	-0.12	-0.17	240.
245.	-3.02	-0.66	-0.34	-0.33	-0.36	-0.11	-0.10	245.
250.	-3.01	-0.65	-0.36	-0.33	-0.37	-0.11	-0.11	250.
255.	-3.09	-0.67	-0.33	-0.29	-0.37	-0.10	-0.12	255.
260.	-3.07	-0.61	-0.32	-0.29	-0.36	-0.10	-0.12	260.
265.	-0.07	-1.55	-0.31	-0.28	-0.36	-0.09	-0.12	265.
272.	-0.07	-1.58	-0.31	-0.28	-0.32	-0.09	-0.11	272.
275.	-3.47	-0.58	-0.31	-0.28	-0.30	-0.09	-0.11	275.
280.	-3.07	-0.58	-0.31	-0.27	-0.28	-0.09	-0.12	280.
285.	-3.07	-0.59	-0.31	-0.27	-0.26	-0.09	-0.11	285.
290.	-3.07	-0.67	-0.31	-0.27	-0.26	-0.09	-0.10	290.
295.	-0.07	-0.61	-0.31	-0.27	-0.23	-0.09	-0.12	295.
302.	-3.07	-0.62	-0.32	-0.27	-0.22	-0.09	-0.14	302.
305.	-3.07	-0.63	-0.32	-0.27	-0.22	-0.09	-0.15	305.
310.	-3.07	-0.64	-0.32	-0.26	-0.22	-0.09	-0.14	310.
315.	-3.07	-0.63	-0.33	-0.25	-0.22	-0.09	-0.12	315.
320.	-0.07	-0.62	-0.33	-0.23	-0.22	-0.09	-0.27	320.
325.	-0.04	-0.61	-0.32	-0.21	-0.21	-0.09	-0.01	325.
330.	-0.04	-0.61	-0.32	-0.21	-0.22	-0.09	0.03	330.
335.	-0.00	-0.70	-0.38	-0.25	-0.24	-0.02	0.02	335.
340.	-1.24	-0.76	-0.44	-0.29	-0.27	-0.07	-0.02	340.
345.	-0.07	-0.67	-0.41	-0.31	-0.28	-0.05	-0.02	345.
350.	-1.02	-0.85	-0.56	-0.37	-0.33	-0.05	-0.01	350.
355.	-1.60	-1.34	-0.84	-0.54	-0.46	-0.13	-0.03	355.

TEXT NOT REPRODUCIBLE

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST 407 CEN NO. 256 TEN 46. C.R. 25.9

DIFFERENTIAL PRESSURES

SPAN STATION 110.7

AZ	SPAN STATION 110.7							AZ
DEG.	2.455	1.660	1.950	2.000	4.550	7.153	17.400	DEG.
3.	-1.04	-1.27	-0.82	-0.54	-0.65	-0.19	-0.05	8.
5.	-1.00	-1.20	-0.87	-0.61	-0.61	-0.23	-0.08	5.
12.	-1.05	-1.32	-0.82	-0.57	-0.37	-0.24	-0.13	10.
15.	-1.01	-1.35	-0.57	-0.43	-0.23	-0.22	-0.10	15.
23.	-0.75	-1.17	-0.31	-0.27	-0.37	-0.15	-0.12	20.
25.	-0.20	-0.52	-0.50	-0.11	0.37	-0.12	-0.09	25.
33.	0.15	0.02	0.03	-0.17	0.10	-0.13	-0.16	30.
35.	0.51	0.10	0.09	0.07	0.20	-0.19	-0.10	35.
42.	0.03	0.26	0.17	0.12	0.30	-0.09	-0.11	40.
45.	1.17	0.43	0.29	0.20	0.40	-0.37	-0.11	45.
52.	1.30	0.50	0.45	0.27	0.40	-0.30	-0.13	50.
55.	1.43	0.62	0.40	0.31	0.41	-0.00	-0.14	55.
62.	1.46	0.54	0.33	0.26	0.34	-0.10	-0.13	60.
65.	1.43	0.41	0.21	0.17	0.40	-0.11	-0.13	65.
72.	1.13	0.25	0.16	0.09	0.43	-0.14	-0.14	70.
75.	0.90	0.10	-0.02	-0.03	0.35	-0.16	-0.15	75.
82.	0.71	-0.02	-0.22	-0.11	0.20	-0.17	-0.14	80.
85.	0.61	-0.07	-0.25	-0.12	0.26	-0.16	-0.11	85.
92.	0.77	0.04	-0.16	-0.04	0.31	-0.12	-0.09	90.
95.	1.23	0.27	0.04	0.05	0.19	-0.25	-0.06	95.
102.	1.30	0.62	0.33	0.26	0.46	-0.32	-0.25	100.
105.	1.69	0.80	0.40	0.30	0.51	0.03	-0.20	105.
112.	1.03	1.03	0.55	0.42	0.52	0.01	-0.15	110.
115.	1.75	0.99	0.51	0.37	0.47	0.32	-0.03	115.
122.	1.52	0.75	0.37	0.27	0.30	0.31	-0.02	120.
125.	1.17	0.53	0.13	0.13	0.30	0.31	-0.01	125.
132.	0.00	0.20	0.14	0.09	0.22	0.31	0.20	130.
135.	0.65	0.25	0.25	0.22	0.19	0.32	0.31	135.
142.	0.71	0.32	0.12	0.05	0.19	0.36	0.21	140.
145.	0.76	0.45	0.23	0.12	0.21	0.06	0.03	145.
152.	0.95	0.50	0.31	0.21	0.26	0.11	0.04	150.
155.	1.23	0.75	0.43	0.37	0.27	0.15	0.04	155.
162.	1.23	0.91	0.55	0.40	0.30	0.23	0.20	160.
165.	1.47	1.06	0.60	0.50	0.34	0.23	0.11	165.
172.	1.52	1.10	0.80	0.50	0.36	0.20	0.13	170.
175.	1.53	1.25	0.87	0.63	0.36	0.31	0.15	175.
182.	1.43	1.19	0.85	0.61	0.33	0.31	0.16	180.
185.	1.24	1.05	0.75	0.53	0.27	0.29	0.15	185.
192.	0.34	0.06	0.03	0.04	0.10	0.24	0.14	190.
195.	0.57	0.05	0.07	0.04	0.20	0.23	0.12	195.
202.	0.20	0.44	0.37	0.23	0.31	0.16	0.10	200.
205.	0.32	0.20	0.25	0.14	0.39	0.12	0.10	205.
212.	-0.21	0.14	0.14	0.07	0.14	0.13	0.20	210.
215.	-0.40	-0.22	0.05	0.01	0.10	0.30	0.20	215.
222.	-0.36	-0.11	-0.24	-0.05	-0.21	0.07	0.08	220.
225.	-0.60	-0.10	-0.11	-0.09	-0.25	0.25	0.07	225.
232.	-0.01	-0.20	-0.10	-0.13	-0.20	0.22	0.06	230.
235.	-0.92	-0.34	-0.23	-0.16	-0.32	0.30	0.05	235.
242.	-1.00	-0.61	-0.20	-0.19	-0.34	-0.32	0.04	240.
245.	-1.30	-0.67	-0.31	-0.22	-0.37	-0.35	0.03	245.
252.	-1.10	-0.44	-0.34	-0.25	-0.39	-0.33	0.02	250.
255.	-1.17	-0.40	-0.35	-0.26	-0.40	-0.34	0.02	255.
262.	-1.15	-0.40	-0.35	-0.26	-0.41	-0.34	0.02	260.
265.	-1.12	-0.47	-0.35	-0.26	-0.40	-0.33	0.03	265.
272.	-1.13	-0.47	-0.34	-0.25	-0.39	-0.33	0.04	270.
275.	-1.13	-0.49	-0.33	-0.24	-0.38	-0.32	0.04	275.
282.	-1.14	-0.51	-0.32	-0.23	-0.38	-0.31	0.04	280.
285.	-1.16	-0.53	-0.31	-0.21	-0.37	-0.33	0.05	285.
292.	-1.17	-0.54	-0.31	-0.22	-0.37	-0.33	0.05	290.
295.	-1.10	-0.55	-0.31	-0.22	-0.36	-0.31	0.05	295.
302.	-1.10	-0.56	-0.31	-0.22	-0.36	-0.31	0.06	300.
305.	-1.10	-0.56	-0.31	-0.21	-0.36	-0.31	0.06	305.
312.	-1.10	-0.55	-0.30	-0.21	-0.35	-0.31	0.06	310.
315.	-1.15	-0.55	-0.20	-0.21	-0.35	-0.31	0.05	315.
322.	-1.17	-0.54	-0.25	-0.21	-0.33	-0.31	0.05	320.
325.	-1.61	-0.50	-0.22	-0.10	-0.32	-0.32	0.05	325.
332.	-2.01	-0.44	-0.10	-0.10	-0.20	-0.02	0.02	330.
335.	-0.75	-0.33	-0.15	-0.10	-0.20	-0.01	0.02	335.
342.	-0.50	-0.23	-0.13	-0.07	-0.22	-0.01	0.01	340.
345.	-0.64	-0.25	-0.13	-0.10	-0.23	-0.01	-0.00	345.
352.	-1.11	-0.53	-0.32	-0.24	-0.31	-0.20	-0.05	350.
355.	-1.04	-1.27	-1.77	-0.55	-0.40	-0.14	-0.28	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-197 CTR NO. 256 TCR-40. C.A.-25.0

D I F F E R E N T I A L P R E S S U R E S

SPAN STATION 193.3

AZ	CHORD STATION							AZ
SEC.	0.495	1.040	1.959	2.900	4.230	7.150	10.499	SEC.
0.	-0.33	-0.25	-0.61	-0.30	0.0	-0.07	-0.02	5.
5.	-0.03	-0.07	-0.37	-0.46	0.0	-0.13	-0.02	5.
10.	-1.32	-0.60	-0.61	-0.57	0.0	-0.15	-0.02	10.
15.	-0.37	-0.30	-0.06	-0.43	0.0	-0.12	-0.02	15.
20.	0.30	-0.01	-0.04	-0.21	0.0	-0.07	-0.01	20.
25.	1.18	0.41	-0.44	0.02	0.0	-0.05	0.00	25.
30.	1.45	0.76	-0.16	0.26	0.0	0.01	0.01	30.
35.	1.72	1.00	0.30	0.33	0.0	0.04	0.00	35.
40.	1.99	1.40	0.05	0.77	0.0	0.07	0.00	40.
45.	2.17	1.63	1.02	0.94	0.0	0.07	0.01	45.
50.	2.20	1.73	1.69	1.03	0.0	0.10	0.02	50.
55.	2.00	1.68	1.27	1.04	0.0	0.12	0.03	55.
60.	1.79	1.51	0.94	1.04	0.0	0.06	0.02	60.
65.	1.41	1.20	0.74	0.98	0.0	-0.04	-0.03	65.
70.	1.00	1.04	0.47	0.88	0.0	-0.13	-0.05	70.
75.	0.59	0.74	0.14	0.74	0.0	-0.19	-0.04	75.
80.	0.19	0.41	-0.17	0.61	0.0	-0.25	-0.03	80.
85.	-0.12	0.15	-0.30	0.55	0.0	-0.32	-0.05	85.
90.	-0.24	0.02	-0.40	0.60	0.0	-0.34	-0.00	90.
95.	-0.15	0.05	-0.41	0.60	0.0	-0.30	-0.10	95.
100.	-0.22	-0.09	-0.33	0.54	0.0	-0.24	-0.00	100.
105.	-0.31	-0.30	-0.42	0.24	0.0	-0.21	-0.00	105.
110.	-0.04	-0.37	-0.30	0.37	0.0	-0.26	-0.15	110.
115.	-0.07	-0.64	-0.34	-0.04	0.0	-0.31	-0.17	115.
120.	-1.03	-0.72	-0.05	-0.12	0.0	-0.32	-0.12	120.
125.	-1.22	-0.60	-0.02	-0.10	0.0	-0.32	-0.12	125.
130.	-1.39	-1.00	-0.06	-0.26	0.0	-0.32	-0.13	130.
135.	-1.32	-1.04	-0.04	-0.32	0.0	-0.30	-0.13	135.
140.	-1.30	-1.06	-0.00	-0.31	0.0	-0.26	-0.11	140.
145.	-1.43	-0.95	-0.74	-0.23	0.0	-0.23	-0.09	145.
150.	-1.15	-0.73	-0.52	-0.15	0.0	-0.15	-0.06	150.
155.	-0.70	-0.34	-0.27	-0.32	0.0	-0.06	-0.05	155.
160.	-0.37	0.31	-0.02	0.11	0.0	0.31	-0.00	160.
165.	0.25	0.39	0.22	0.22	0.0	0.37	0.02	165.
170.	0.30	0.65	0.00	0.30	0.0	0.12	0.02	170.
175.	0.62	0.64	0.33	0.35	0.0	0.15	0.02	175.
180.	0.72	0.50	0.62	0.35	0.0	0.17	0.02	180.
185.	0.74	0.31	0.63	0.31	0.0	0.17	0.02	185.
190.	0.70	0.44	0.61	0.25	0.0	0.16	0.02	190.
195.	0.62	0.39	0.35	0.19	0.0	0.15	0.02	195.
200.	0.32	0.33	0.49	0.12	0.0	0.16	0.05	200.
205.	0.41	0.26	0.45	0.05	0.0	0.17	0.05	205.
210.	0.31	0.17	0.41	-0.01	0.0	0.17	0.05	210.
215.	0.21	0.06	0.37	-0.07	0.0	0.17	0.06	215.
220.	0.13	-0.01	0.33	-0.11	0.0	0.17	0.06	220.
225.	0.05	-0.09	0.33	-0.14	0.0	0.17	0.06	225.
230.	-0.32	-0.15	0.27	-0.17	0.0	0.16	0.05	230.
235.	-0.18	-0.10	0.24	-0.22	0.0	0.15	0.05	235.
240.	-0.10	-0.22	0.21	-0.26	0.0	0.14	0.04	240.
245.	-0.27	-0.30	0.10	-0.31	0.0	0.13	0.03	245.
250.	-0.35	-0.30	0.15	-0.36	0.0	0.12	0.03	250.
255.	-0.40	-0.35	0.11	-0.40	0.0	0.11	0.02	255.
260.	-0.43	-0.39	0.08	-0.44	0.0	0.10	0.02	260.
265.	-0.46	-0.42	0.05	-0.45	0.0	0.10	0.02	265.
270.	-0.49	-0.44	0.03	-0.45	0.0	0.11	0.03	270.
275.	-0.51	-0.45	0.02	-0.44	0.0	0.11	0.04	275.
280.	-0.51	-0.44	0.02	-0.43	0.0	0.12	0.05	280.
285.	-0.47	-0.42	0.04	-0.41	0.0	0.14	0.07	285.
290.	-0.41	-0.37	0.06	-0.39	0.0	0.16	0.09	290.
295.	-0.33	-0.32	0.08	-0.37	0.0	0.16	0.10	295.
300.	-0.24	-0.26	0.11	-0.33	0.0	0.17	0.10	300.
305.	-0.15	-0.20	0.16	-0.29	0.0	0.16	0.10	305.
310.	-0.06	-0.15	0.20	-0.26	0.0	0.15	0.09	310.
315.	0.02	-0.12	0.21	-0.25	0.0	0.14	0.08	315.
320.	0.10	-0.17	0.19	-0.20	0.0	0.13	0.08	320.
325.	0.04	-0.22	0.18	-0.15	0.0	0.11	0.05	325.
330.	-0.04	-0.46	-0.12	-0.44	0.0	0.05	0.04	330.
335.	-0.07	-0.62	-0.20	-0.39	0.0	-0.09	0.02	335.
340.	-0.17	-0.50	-0.26	-0.35	0.0	-0.13	-0.01	340.
345.	-0.27	-0.39	-0.24	-0.40	0.0	-0.08	-0.01	345.
350.	-0.23	-0.40	-0.10	-0.45	0.0	-0.01	-0.01	350.
355.	-0.42	-0.66	-0.25	-0.40	0.0	-0.04	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-497 CTR NO. 256 TCN- 48. C.R.- 25.3

DIFFERENTIAL PRESSURES

SPAN STATION 170.5

AZ	CHORD STATION							AZ
SEC.	2.455	1.240	1.920	2.990	4.350	7.132	10.420	SEC.
0.	-0.28	-0.01	-0.16	-0.33	-0.36	-0.06	-0.32	5.
5.	-0.03	0.11	-0.09	0.22	-0.01	-0.34	0.01	5.
10.	-0.09	-0.05	-0.15	-0.33	-0.37	-0.30	-0.00	10.
15.	0.07	0.04	-0.11	-0.02	-0.05	-0.34	0.01	15.
20.	0.57	0.29	0.10	0.07	0.37	-0.31	0.03	20.
25.	1.06	0.44	0.25	0.14	0.14	0.09	0.34	25.
30.	1.49	0.55	0.44	0.32	0.23	0.13	0.34	30.
35.	1.75	0.65	0.71	0.40	0.30	0.22	0.09	35.
40.	1.93	0.74	0.87	0.65	0.56	0.31	0.13	40.
45.	2.05	0.74	0.91	0.90	0.71	0.30	0.13	45.
50.	2.21	0.57	1.16	1.31	0.79	0.40	0.11	50.
55.	1.82	0.31	1.47	1.48	0.01	0.35	0.08	55.
60.	1.55	0.05	1.69	1.19	1.10	0.26	0.04	60.
65.	1.22	-0.17	1.66	0.91	1.03	0.11	-0.01	65.
70.	0.95	-0.39	1.03	0.63	1.50	-0.17	-0.06	70.
75.	0.67	-0.59	0.24	0.34	0.95	-0.44	-0.10	75.
80.	0.35	-0.78	-0.51	0.15	0.36	-0.54	-0.11	80.
85.	-0.40	-0.96	-1.01	0.11	-0.53	-0.73	-0.38	85.
90.	-0.96	-1.12	-1.24	-0.16	-0.90	-0.96	0.03	90.
95.	-1.26	-1.23	-1.26	-0.43	-1.13	-1.19	0.10	95.
100.	-1.30	-1.21	-1.14	-0.60	-1.23	-1.30	0.12	100.
105.	-1.17	-1.11	-1.02	-0.63	-1.29	-0.62	0.16	105.
110.	-1.02	-1.07	-1.00	-0.61	-1.26	-0.12	0.30	110.
115.	-1.06	-1.00	-1.04	-0.67	-1.20	0.22	0.33	115.
120.	-1.10	-1.13	-1.19	-0.85	-2.03	0.29	-0.00	120.
125.	-1.42	-1.23	-1.54	-1.44	-2.97	0.10	-0.33	125.
130.	-1.01	-1.36	-2.15	-2.16	-0.70	-0.20	-0.05	130.
135.	-2.19	-1.50	-2.45	-2.10	-0.30	-0.16	-0.07	135.
140.	-2.41	-1.40	-2.72	-1.43	-0.30	-0.21	-0.67	140.
145.	-2.41	-1.33	-2.47	-1.10	-0.01	-0.25	-0.06	145.
150.	-2.19	-1.11	-2.63	-1.05	-0.72	-0.15	-0.05	150.
155.	-1.07	-0.04	-1.04	-0.92	-0.53	-0.30	-0.03	155.
160.	-1.50	-0.56	-1.25	-0.72	-0.37	-0.01	-0.02	160.
165.	-1.07	-0.33	-0.00	-0.52	-0.22	0.00	-0.00	165.
170.	-0.56	-0.11	-0.53	-0.37	-0.07	0.12	0.01	170.
175.	-0.37	0.00	-0.24	-0.23	0.03	0.15	0.02	175.
180.	0.17	0.24	0.03	-0.13	0.11	0.16	0.32	180.
185.	0.31	0.36	0.17	-0.25	0.16	0.17	0.01	185.
190.	0.41	0.45	0.29	0.31	0.19	0.10	0.01	190.
195.	0.45	0.44	0.37	0.04	0.10	0.15	-0.00	195.
200.	0.44	0.41	0.42	0.09	0.20	0.10	-0.01	200.
205.	0.40	0.39	0.45	0.12	0.10	0.13	-0.52	205.
210.	0.32	0.42	0.45	0.13	0.20	0.13	-0.31	210.
215.	0.25	0.47	0.45	0.15	0.20	0.13	-0.01	215.
220.	0.23	0.49	0.47	0.17	0.21	0.13	-0.01	220.
225.	0.21	0.50	0.40	0.18	0.22	0.13	-0.01	225.
230.	0.19	0.50	0.50	0.20	0.23	0.13	-0.31	230.
235.	0.18	0.50	0.53	0.21	0.24	0.13	-0.31	235.
240.	0.10	0.49	0.50	0.23	0.25	0.13	-0.31	240.
245.	0.10	0.40	0.61	0.23	0.25	0.12	-0.02	245.
250.	0.10	0.40	0.63	0.24	0.25	0.10	-0.02	250.
255.	0.10	0.47	0.63	0.25	0.25	0.09	-0.03	255.
260.	0.10	0.47	0.63	0.24	0.25	0.09	-0.03	260.
265.	0.14	0.47	0.61	0.24	0.25	0.09	-0.04	265.
270.	0.14	0.47	0.60	0.25	0.25	0.09	-0.04	270.
275.	0.14	0.47	0.59	0.25	0.25	0.10	-0.04	275.
280.	0.10	0.48	0.59	0.26	0.26	0.11	-0.03	280.
285.	0.10	0.49	0.60	0.28	0.27	0.13	-0.02	285.
290.	0.10	0.50	0.62	0.31	0.28	0.14	-0.31	290.
295.	0.12	0.52	0.64	0.34	0.30	0.15	-0.30	295.
300.	0.40	0.55	0.66	0.37	0.31	0.16	0.01	300.
305.	0.50	0.57	0.69	0.30	0.32	0.16	0.01	305.
310.	0.60	0.59	0.71	0.39	0.34	0.16	0.01	310.
315.	0.60	0.61	0.72	0.40	0.34	0.17	0.01	315.
320.	0.74	0.63	0.82	0.40	0.34	0.16	0.31	320.
325.	0.74	0.63	0.80	0.43	0.34	0.12	0.31	325.
330.	0.77	0.50	0.86	0.43	0.32	0.08	0.01	330.
335.	0.50	0.45	0.85	0.30	0.26	-0.01	-0.00	335.
340.	0.50	0.35	0.19	0.10	0.12	-0.37	-0.02	340.
345.	-0.44	0.32	-0.15	-0.04	-0.06	-0.12	-0.04	345.
350.	-0.54	0.10	-0.20	-0.14	-0.15	-0.13	-0.05	350.
355.	-0.53	-0.10	-0.20	-0.18	-0.13	-0.10	-0.03	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-607 LIFT NO. 256 TECH. AC. C.R. 25.3

DIFFERENTIAL PRESSURES

SPAN STATION 100.0

AZ	CHORD STATION							AZ
DEG.	2.455	1.340	1.020	2.900	4.550	7.150	13.400	DEG.
3.	-3.30	-0.74	-3.23	2.20	0.70	2.17	0.23	3.
5.	0.35	1.43	1.23	1.39	0.35	2.25	0.25	5.
13.	3.30	0.30	2.19	1.29	0.30	0.23	0.04	13.
15.	0.33	0.24	3.11	0.20	0.37	2.10	0.04	15.
23.	2.77	0.54	1.11	0.20	0.44	2.18	0.05	23.
25.	1.29	0.44	2.32	0.30	0.45	2.15	0.27	25.
33.	1.01	1.22	3.05	0.45	0.44	2.24	0.09	33.
35.	1.42	1.19	1.75	0.50	0.43	2.31	0.11	35.
43.	2.02	1.31	1.02	1.40	1.20	2.37	0.12	43.
45.	2.13	1.31	2.12	1.43	1.37	2.36	0.11	45.
53.	2.04	1.11	2.32	2.10	1.52	2.28	0.07	53.
55.	1.78	1.03	2.75	1.70	2.20	2.13	0.01	55.
63.	1.47	0.62	1.41	1.73	2.73	-0.75	-0.27	63.
65.	1.76	0.30	1.22	0.20	2.20	-0.17	-0.15	65.
73.	2.51	0.25	1.11	-0.20	1.24	-0.16	-0.23	73.
75.	-3.19	-0.30	1.04	-0.44	0.40	-0.10	-0.25	75.
83.	-3.42	-0.05	0.69	-0.72	-0.75	-0.47	-0.19	83.
85.	-1.57	-1.34	0.17	-0.40	-0.54	-2.76	-0.40	85.
93.	-2.14	-1.70	-0.25	-1.17	-1.31	-3.39	0.03	93.
95.	-2.44	-1.00	-1.53	-1.20	-1.73	-2.79	0.23	95.
103.	-2.45	-1.07	-2.02	-1.24	-0.48	-1.47	0.02	103.
105.	-2.31	-1.00	-2.02	-1.10	-0.42	-3.45	0.07	105.
113.	-2.12	-1.43	-2.00	-1.17	-0.70	-2.50	0.10	113.
115.	-2.30	-1.07	-0.92	-1.70	-0.60	-2.43	0.25	115.
123.	-2.12	-1.09	-1.76	-1.30	-0.81	-2.55	0.22	123.
125.	-2.25	-1.47	-1.11	-1.40	-2.34	0.15	0.13	125.
133.	-2.51	-2.16	-1.44	-2.30	-2.93	0.45	0.04	133.
135.	-2.91	-2.33	-2.15	-2.30	-1.42	0.10	-0.05	135.
143.	-3.22	-2.43	-2.02	-3.30	-3.30	-3.10	-0.19	143.
145.	-3.30	-2.93	-2.72	-1.97	-0.21	-2.23	-0.19	145.
153.	-3.25	-2.62	-2.42	-1.25	-0.50	-3.10	-0.20	153.
155.	-2.91	-2.10	-1.97	-1.73	0.51	-1.10	-0.07	155.
163.	-2.35	-1.50	-1.51	-0.00	-0.40	-2.31	-0.05	163.
165.	-1.70	-1.02	-1.76	-0.59	-0.75	0.37	-0.13	165.
173.	-1.90	-2.53	-2.70	-0.20	-0.12	2.15	-0.02	173.
175.	-0.40	-0.12	-2.40	-0.00	0.00	2.21	-0.02	175.
183.	-2.30	0.22	-0.17	0.12	0.70	0.24	-0.02	183.
185.	2.33	0.47	-2.73	0.23	0.30	2.25	-0.03	185.
193.	2.51	0.03	2.05	1.29	2.33	2.26	-0.04	193.
195.	2.00	0.09	0.09	0.32	0.31	2.25	-0.05	195.
203.	0.00	0.07	0.12	0.33	-0.91	0.25	-0.05	203.
205.	2.54	0.02	0.13	0.33	-0.53	0.26	-0.03	205.
213.	0.53	0.02	0.13	0.33	-0.05	0.27	-0.04	213.
215.	2.34	0.03	0.12	0.34	-0.06	2.29	-0.03	215.
223.	2.34	0.04	0.12	0.35	-0.07	0.30	-0.02	223.
225.	2.59	0.04	0.14	0.36	-0.79	0.31	-0.02	225.
233.	0.60	0.07	0.10	0.39	-0.30	0.31	-0.01	233.
235.	0.62	0.09	0.10	0.43	-0.30	0.31	-0.01	235.
243.	0.64	0.72	0.19	0.47	-0.10	0.31	-0.01	243.
245.	2.07	0.74	0.20	0.50	-0.30	0.31	-0.02	245.
253.	2.71	0.77	0.27	0.53	-0.19	0.32	-0.03	253.
255.	2.75	0.79	0.20	0.53	-0.10	2.37	-0.03	255.
263.	2.76	0.79	0.22	0.53	-0.17	2.32	-0.03	263.
265.	0.77	0.79	0.23	0.53	-0.16	2.29	-0.03	265.
273.	2.78	0.80	0.21	0.52	-0.79	2.29	-0.03	273.
275.	2.79	0.81	0.23	0.53	-0.79	2.30	-0.02	275.
283.	2.80	0.84	0.20	0.53	-0.34	2.32	-0.01	283.
285.	2.81	0.87	0.29	0.55	-0.17	2.32	0.00	285.
293.	2.80	0.92	0.33	0.59	-0.74	2.34	0.01	293.
295.	0.95	0.99	0.39	0.64	-0.03	2.35	0.02	295.
303.	1.10	1.07	0.44	0.64	0.03	2.30	0.03	303.
305.	1.24	1.13	0.51	0.71	0.00	2.39	0.03	305.
313.	1.30	1.10	0.55	0.74	0.79	2.39	0.04	313.
315.	1.47	1.27	0.50	0.75	0.13	2.39	0.04	315.
323.	1.54	1.19	0.59	0.77	0.11	2.39	0.04	323.
325.	1.50	1.16	0.54	0.77	0.12	2.39	0.04	325.
333.	1.55	1.12	0.47	0.75	0.14	2.39	0.04	333.
335.	1.40	1.07	0.43	0.70	0.11	0.34	0.04	335.
343.	1.79	0.69	0.25	0.54	0.71	0.31	-0.02	343.
345.	2.40	0.80	-0.19	0.23	-0.11	0.19	-0.01	345.
353.	-0.36	-0.47	-0.66	0.01	-0.20	0.24	-0.04	353.
355.	-0.67	-0.71	-0.02	0.71	-0.16	0.24	-0.03	355.

TEXT NOT REPRODUCIBLE

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=497 CTR NO. 256 TCR= 40. C.R.= 25.0

DIFFERENTIAL PRESSURES

SPAN STATION 100.5

AZ	CHART STATION								AZ
DEG.	3.455	1.040	1.957	2.992	4.552	7.159	10.436	DEG	
3.	-3.47	-0.20	-3.47	-0.12	-0.70	-3.37	-0.03	0.	
5.	3.71	0.53	3.65	0.74	0.17	3.30	0.30	5.	
13.	0.57	0.32	-0.15	0.13	0.14	-0.33	-0.01	13.	
15.	0.52	0.53	-3.19	0.05	3.12	-3.79	-0.03	15.	
23.	3.93	0.06	-3.11	0.12	0.14	-3.13	-0.03	23.	
25.	1.37	1.90	0.19	0.24	0.26	-3.13	-0.01	25.	
33.	1.71	1.10	0.06	0.19	0.04	-3.14	1.04	33.	
35.	1.36	1.23	1.36	0.49	0.50	-3.73	0.09	35.	
43.	2.12	1.55	1.97	1.45	0.04	-3.75	0.09	43.	
45.	2.19	1.90	1.92	2.36	0.91	-3.17	0.03	45.	
53.	2.11	2.26	1.71	2.52	1.97	-0.39	-0.05	53.	
55.	1.84	2.07	1.44	2.33	2.20	-3.51	-0.14	55.	
63.	1.47	1.65	1.29	1.4	1.50	-3.31	-0.23	63.	
65.	1.72	1.16	1.24	0.33	1.70	3.30	-0.29	65.	
73.	3.43	0.07	1.12	-0.21	0.63	3.13	-0.27	73.	
75.	-0.39	-0.23	3.74	-0.52	0.10	-1.39	-0.12	75.	
83.	-1.26	-1.34	0.29	-0.97	-0.24	-1.03	0.02	83.	
85.	-2.21	-1.93	-0.10	-1.32	-0.55	-0.70	-0.29	85.	
93.	-2.54	-2.14	-0.35	-1.41	-0.73	-1.12	-0.07	93.	
95.	-2.60	-2.17	-0.41	-1.34	-1.70	1.10	-0.01	95.	
103.	-2.49	-2.09	-0.40	-1.22	-0.76	1.20	-0.47	103.	
105.	-2.42	-1.95	-0.49	-1.13	-0.77	1.43	-3.10	105.	
113.	-2.36	-1.80	-0.40	-1.07	-0.82	1.10	0.24	113.	
115.	-2.34	-1.86	-0.43	-0.93	-0.93	-0.42	0.32	115.	
123.	-2.37	-1.87	-0.38	-0.97	-1.15	-1.15	0.33	123.	
125.	-2.49	-1.92	-0.43	-1.10	-1.39	-0.55	0.27	125.	
133.	-2.75	-2.02	-0.61	-1.07	-2.30	-1.32	0.15	133.	
135.	-3.37	-2.22	-1.04	-2.01	-2.00	3.79	0.00	135.	
143.	-3.37	-2.49	-2.11	-3.70	-1.11	-0.29	0.09	143.	
145.	-3.57	-2.75	-2.50	-2.54	-0.95	-3.55	0.09	145.	
153.	-3.53	-2.03	-2.59	-1.24	-0.42	-3.57	0.07	153.	
155.	-3.19	-2.55	-2.22	-0.95	-0.45	-0.44	0.04	155.	
163.	-2.77	-2.09	-1.77	-0.81	-0.43	-0.39	0.03	163.	
165.	-2.14	-1.54	-1.34	-0.69	-0.31	-0.33	0.05	165.	
173.	-1.52	-0.90	-0.95	-0.44	-0.15	-0.22	0.07	173.	
175.	-3.41	-3.53	-3.61	-0.77	-0.14	-0.14	0.00	175.	
183.	-3.17	-0.17	-0.34	-0.04	-0.03	-0.34	0.00	183.	
185.	3.27	0.07	-0.14	0.07	0.00	-0.34	0.07	185.	
193.	3.49	0.27	-0.02	0.14	0.11	-0.31	0.00	193.	
195.	3.95	0.37	-0.03	-0.27	0.11	0.31	0.04	195.	
203.	3.54	0.42	-0.03	0.24	0.10	0.32	0.03	203.	
205.	3.56	0.43	-0.02	0.27	0.08	0.34	0.03	205.	
213.	3.54	0.40	-0.03	0.37	0.10	0.36	0.02	213.	
215.	3.51	0.37	0.01	0.32	0.09	0.34	0.02	215.	
223.	3.50	0.34	0.04	0.34	0.09	0.12	0.03	223.	
225.	3.54	0.37	0.04	0.36	0.10	0.12	0.03	225.	
233.	3.51	0.41	0.09	0.37	0.11	0.14	0.03	233.	
235.	3.49	0.45	0.13	0.39	0.12	0.17	0.04	235.	
243.	3.73	0.51	0.19	0.41	0.12	0.19	0.04	243.	
245.	3.76	0.56	0.25	0.44	0.13	0.21	0.05	245.	
253.	3.78	0.61	0.26	0.46	0.13	0.21	0.05	253.	
255.	3.90	0.65	0.24	0.49	0.13	0.21	0.04	255.	
263.	3.92	0.66	0.21	0.49	0.13	0.21	0.04	263.	
265.	3.95	0.67	0.21	0.50	0.13	0.19	0.04	265.	
273.	3.00	0.69	0.22	0.51	0.14	0.19	0.07	273.	
275.	3.93	0.71	0.25	0.51	0.15	0.20	0.07	275.	
283.	3.99	0.75	0.27	0.52	0.16	0.20	0.07	283.	
285.	1.07	0.80	0.31	0.55	0.17	0.21	0.07	285.	
293.	1.17	0.86	0.35	0.57	0.19	0.22	0.07	293.	
295.	1.29	0.97	0.39	0.59	0.21	0.22	0.07	295.	
303.	1.42	1.00	0.45	0.62	0.23	0.23	0.07	303.	
305.	1.55	1.12	0.50	0.66	0.25	0.24	0.07	305.	
313.	1.60	1.16	0.54	0.69	0.27	0.24	0.07	313.	
315.	1.80	1.19	0.57	0.72	0.29	0.25	0.07	315.	
323.	1.87	1.24	0.58	0.72	0.31	0.26	0.06	323.	
325.	1.47	1.27	0.45	0.65	0.31	0.24	0.05	325.	
333.	1.75	1.22	0.50	0.57	0.31	0.22	0.04	333.	
335.	1.50	1.01	0.40	0.40	0.28	0.17	0.02	335.	
343.	1.40	0.94	0.33	0.40	0.27	0.13	-0.01	343.	
345.	3.50	0.58	0.03	0.74	0.00	0.13	-0.03	345.	
353.	-0.24	-0.05	-0.40	-0.14	-0.07	-0.11	-0.05	353.	
355.	-3.00	-0.20	-3.53	-0.21	-0.15	-0.27	-0.07	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=903 CNTR NO. 103 TCN= 46. C.R.= 50.0

DIFFERENTIAL PRESSURES

SPAN STATION 52.5

AZ	CHORD STATION			AZ
005.	0.055	1.950	4.550	10.405 005.
0.	-1.07	-0.40	-0.20	0.00 5.
5.	-1.01	-0.43	-0.18	0.00 5.
10.	-0.95	-0.30	-0.00	0.00 10.
15.	-0.30	-0.20	-0.01	0.00 15.
20.	-0.10	-0.12	-0.07	0.00 20.
25.	-0.21	-0.09	-0.04	-0.01 25.
30.	-0.50	-0.21	-0.30	0.00 30.
35.	-0.62	-0.27	-0.00	0.01 35.
40.	-0.33	-0.13	-0.03	-0.01 40.
45.	-0.23	-0.11	-0.03	-0.02 45.
50.	-0.20	-0.13	-0.05	-0.03 50.
55.	-0.12	-0.12	-0.03	-0.03 55.
60.	-0.03	-0.00	0.01	-0.03 60.
65.	0.01	-0.17	0.01	-0.03 65.
70.	-0.01	-0.17	-0.00	-0.05 70.
75.	-0.23	-0.07	-0.01	-0.00 75.
80.	-0.01	-0.05	0.01	-0.05 80.
85.	0.10	-0.01	0.04	-0.04 85.
90.	0.24	0.00	0.00	-0.03 90.
95.	0.42	0.15	0.14	-0.02 95.
100.	0.30	0.24	0.20	-0.01 100.
105.	0.73	0.32	0.24	0.00 105.
110.	0.00	0.40	0.20	0.02 110.
115.	0.00	0.47	0.32	0.03 115.
120.	1.07	0.54	0.30	0.04 120.
125.	1.15	0.50	0.30	0.04 125.
130.	1.30	0.62	0.30	0.05 130.
135.	1.20	0.60	0.32	0.02 135.
140.	1.27	0.64	0.30	0.00 140.
145.	1.33	0.67	0.29	0.00 145.
150.	1.30	0.60	0.34	0.00 150.
155.	1.41	0.60	0.30	0.00 155.
160.	1.40	0.67	0.40	0.00 160.
165.	1.30	0.60	0.39	0.00 165.
170.	1.24	0.57	0.35	0.03 170.
175.	1.00	0.47	0.29	0.05 175.
180.	0.07	0.30	0.22	0.04 180.
185.	0.62	0.20	0.15	0.03 185.
190.	0.34	0.09	0.00	0.03 190.
195.	0.00	-0.04	-0.00	0.02 195.
200.	-0.12	-0.11	-0.07	0.01 200.
205.	-0.25	-0.11	-0.12	0.01 205.
210.	-0.39	-0.00	-0.10	0.01 210.
215.	-0.52	-0.12	-0.10	0.01 215.
220.	-0.50	-0.19	-0.20	-0.00 220.
225.	-0.60	-0.23	-0.21	-0.22 225.
230.	-0.50	-0.14	-0.22	-0.03 230.
235.	-0.55	-0.25	-0.22	-0.04 235.
240.	-0.50	-0.25	-0.22	-0.04 240.
245.	-0.40	-0.25	-0.21	-0.04 245.
250.	-0.40	-0.24	-0.20	-0.04 250.
255.	-0.40	-0.23	-0.20	-0.04 255.
260.	-0.40	-0.22	-0.19	0.04 260.
265.	-0.47	-0.22	-0.10	-0.04 265.
270.	-0.47	-0.21	-0.17	-0.04 270.
275.	-0.47	-0.21	-0.17	-0.04 275.
280.	-0.40	-0.21	-0.10	-0.04 280.
285.	-0.40	-0.21	-0.10	-0.04 285.
290.	-0.40	-0.20	-0.13	-0.05 290.
295.	-0.49	-0.20	-0.14	-0.05 295.
300.	-0.49	-0.20	-0.14	-0.00 300.
305.	-0.49	-0.19	-0.13	-0.00 305.
310.	-0.40	-0.10	-0.12	-0.05 310.
315.	-0.05	-0.10	-0.12	-0.04 315.
320.	-0.42	-0.10	-0.11	-0.01 320.
325.	-0.42	-0.19	-0.11	0.02 325.
330.	-0.44	-0.20	-0.11	0.02 330.
335.	-0.49	-0.22	-0.10	0.01 335.
340.	-0.61	-0.20	-0.09	0.02 340.
345.	-0.57	-0.21	-0.00	0.03 345.
350.	-0.40	-0.30	-0.00	0.04 350.
355.	-0.75	-0.30	-0.19	0.02 355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=503 CNTR NO. 163 TCM= 46. C.R.= 56.7

DIFFERENTIAL PRESSURES

SPAN STATION 79.8

AZ	CHORD STATION							AZ
DEC.	3.455	1.046	1.950	2.990	4.550	7.150	10.400	DEC.
6.	-1.48	-1.09	-0.80	-2.45	-0.37	-0.19	-0.05	0.
5.	-1.60	-1.20	-0.83	-0.57	-0.38	-0.20	-0.04	5.
10.	-1.13	-0.80	-0.59	-0.30	-0.29	-0.14	-0.01	10.
15.	-0.84	-0.62	-0.42	-0.31	-0.18	-0.12	-0.02	15.
20.	-0.47	-0.43	-0.33	-0.24	-0.13	-0.10	-0.03	20.
25.	-0.73	-0.54	-0.45	-0.31	-0.16	-0.14	-0.04	25.
30.	-0.83	-0.58	-0.49	-0.31	-0.12	-0.12	-0.02	30.
35.	-0.55	-0.43	-0.30	-0.22	-0.06	-0.09	-0.01	35.
40.	-0.31	-0.32	-0.31	-0.19	-0.05	-0.11	-0.04	40.
45.	-0.19	-0.26	-0.27	-0.18	-0.04	-0.11	-0.04	45.
50.	-0.14	-0.21	-0.27	-0.18	-0.02	-0.10	-0.03	50.
55.	-0.12	-0.18	-0.27	-0.16	0.01	-0.10	-0.03	55.
60.	-0.12	-0.15	-0.25	-0.14	0.02	-0.11	-0.03	60.
65.	-0.09	-0.12	-0.20	-0.11	0.03	-0.11	-0.04	65.
70.	-0.01	-0.06	-0.14	-0.07	0.04	-0.10	-0.04	70.
75.	0.00	-0.06	-0.08	-0.03	0.09	-0.09	-0.03	75.
80.	0.20	0.07	-0.02	0.02	0.13	-0.07	-0.02	80.
85.	0.34	0.17	0.04	0.09	0.10	-0.05	-0.01	85.
90.	0.49	0.20	0.12	0.17	0.23	-0.02	0.00	90.
95.	0.65	0.40	0.21	0.24	0.28	-0.00	0.01	95.
100.	0.82	0.50	0.31	0.30	0.32	0.02	0.02	100.
105.	0.99	0.61	0.40	0.34	0.35	0.04	0.03	105.
110.	1.15	0.71	0.48	0.41	0.30	0.07	0.04	110.
115.	1.30	0.81	0.54	0.45	0.41	0.13	0.06	115.
120.	1.44	0.90	0.63	0.49	0.44	0.12	0.07	120.
125.	1.56	0.99	0.69	0.53	0.44	0.14	0.08	125.
130.	1.68	1.06	0.75	0.55	0.48	0.16	0.09	130.
135.	1.78	1.12	0.81	0.57	0.49	0.16	0.09	135.
140.	1.89	1.18	0.87	0.59	0.50	0.21	0.10	140.
145.	1.99	1.25	0.93	0.61	0.52	0.23	0.10	145.
150.	2.00	1.32	0.98	0.61	0.53	0.25	0.10	150.
155.	2.16	1.39	1.04	0.64	0.55	0.27	0.11	155.
160.	2.21	1.44	1.08	0.69	0.55	0.28	0.11	160.
165.	2.24	1.51	1.11	0.71	0.56	0.29	0.11	165.
170.	2.30	1.58	1.11	0.73	0.51	0.29	0.11	170.
175.	2.00	1.42	1.05	0.72	0.47	0.29	0.11	175.
180.	1.88	1.28	0.95	0.65	0.41	0.28	0.10	180.
185.	1.58	1.05	0.83	0.54	0.33	0.24	0.09	185.
190.	1.22	0.79	0.68	0.42	0.23	0.19	0.08	190.
195.	0.83	0.53	0.51	0.28	0.13	0.13	0.05	195.
200.	0.44	0.28	0.31	0.17	0.04	0.00	0.01	200.
205.	0.09	0.10	0.12	0.07	-0.03	0.05	0.01	205.
210.	-0.22	-0.02	-0.03	-0.01	-0.09	0.03	0.01	210.
215.	-0.44	-0.06	-0.12	-0.07	-0.15	0.00	0.01	215.
220.	-0.54	-0.03	-0.19	-0.13	-0.20	-0.02	-0.01	220.
225.	-0.62	-0.01	-0.25	-0.17	-0.23	-0.04	-0.02	225.
230.	-0.64	-0.11	-0.30	-0.21	-0.24	-0.05	-0.03	230.
235.	-0.75	-0.24	-0.32	-0.23	-0.25	-0.06	-0.04	235.
240.	-0.84	-0.34	-0.32	-0.25	-0.27	-0.07	-0.04	240.
245.	-0.92	-0.44	-0.33	-0.26	-0.29	-0.08	-0.05	245.
250.	-0.94	-0.54	-0.34	-0.27	-0.30	-0.08	-0.05	250.
255.	-0.94	-0.59	-0.36	-0.28	-0.31	-0.08	-0.06	255.
260.	-0.94	-0.62	-0.37	-0.29	-0.31	-0.09	-0.07	260.
265.	-0.94	-0.63	-0.37	-0.29	-0.31	-0.09	-0.07	265.
270.	-0.93	-0.63	-0.37	-0.30	-0.30	-0.09	-0.07	270.
275.	-0.93	-0.62	-0.37	-0.30	-0.30	-0.09	-0.08	275.
280.	-0.93	-0.61	-0.36	-0.30	-0.30	-0.08	-0.07	280.
285.	-0.93	-0.61	-0.36	-0.29	-0.29	-0.08	-0.07	285.
290.	-0.94	-0.61	-0.36	-0.29	-0.29	-0.08	-0.06	290.
295.	-0.94	-0.61	-0.36	-0.29	-0.29	-0.08	-0.05	295.
300.	-0.94	-0.61	-0.36	-0.29	-0.29	-0.07	-0.04	300.
305.	-0.95	-0.61	-0.36	-0.28	-0.29	-0.07	-0.03	305.
310.	-0.95	-0.61	-0.35	-0.28	-0.27	-0.05	-0.03	310.
315.	-0.95	-0.61	-0.35	-0.28	-0.25	-0.03	-0.02	315.
320.	-0.95	-0.60	-0.35	-0.24	-0.24	-0.03	-0.02	320.
325.	-0.90	-0.59	-0.35	-0.23	-0.23	-0.03	-0.01	325.
330.	-0.86	-0.54	-0.34	-0.23	-0.24	-0.04	-0.01	330.
335.	-0.84	-0.54	-0.35	-0.24	-0.24	-0.04	-0.03	335.
340.	-0.84	-0.64	-0.39	-0.26	-0.23	-0.05	-0.03	340.
345.	-1.15	-0.70	-0.44	-0.33	-0.23	-0.07	-0.03	345.
350.	-1.34	-1.01	-0.56	-0.38	-0.26	-0.07	-0.01	350.
355.	-1.56	-1.12	-0.74	-0.51	-0.34	-0.12	-0.04	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-503 CNTR NO. 163 TCN= 46. C.H.= 56.0

DIFFERENTIAL PRESSURES

SPAN STATION 119.7

AZ	CHORD STATION								AZ
066.	0.455	1.040	1.950	2.000	4.550	7.150	10.400	066.	
0.	-1.94	-1.14	-0.72	-0.49	-0.41	-0.10	-0.07	0.	
5.	-1.65	-1.31	-0.79	-0.55	-0.44	-0.20	-0.07	5.	
10.	-1.12	-0.84	-0.60	-0.39	-0.28	-0.17	-0.06	10.	
15.	-0.76	-0.52	-0.41	-0.26	-0.19	-0.17	-0.10	15.	
20.	-0.77	-0.64	-0.43	-0.25	-0.14	-0.19	-0.15	20.	
25.	-0.60	-0.56	-0.33	-0.24	-0.09	-0.19	-0.10	25.	
30.	-0.36	-0.39	-0.22	-0.10	-0.01	-0.17	-0.11	30.	
35.	-0.10	-0.22	-0.16	-0.14	0.00	-0.14	-0.10	35.	
40.	0.30	-0.06	-0.08	-0.06	0.10	-0.11	-0.09	40.	
45.	0.61	0.10	0.03	0.02	0.30	-0.09	-0.11	45.	
50.	0.79	0.24	0.11	0.04	0.35	-0.10	-0.12	50.	
55.	0.87	0.26	0.16	0.12	0.34	-0.09	-0.11	55.	
60.	0.96	0.29	0.21	0.15	0.29	-0.06	-0.09	60.	
65.	1.00	0.41	0.25	0.10	0.10	-0.06	-0.08	65.	
70.	1.14	0.48	0.25	0.17	0.50	-0.07	-0.09	70.	
75.	1.16	0.44	0.21	0.12	0.32	-0.07	-0.09	75.	
80.	1.05	0.36	0.10	0.12	0.31	-0.06	-0.08	80.	
85.	1.01	0.36	0.16	0.12	0.31	-0.05	-0.07	85.	
90.	1.01	0.36	0.15	0.10	0.33	-0.06	-0.08	90.	
95.	1.02	0.36	0.17	0.10	0.35	-0.06	-0.07	95.	
100.	1.06	0.36	0.20	0.12	0.37	-0.03	-0.06	100.	
105.	1.14	0.44	0.25	0.10	0.30	0.01	-0.02	105.	
110.	1.23	0.61	0.31	0.22	0.30	0.04	-0.04	110.	
115.	1.30	0.49	0.36	0.24	0.37	0.04	-0.03	115.	
120.	1.31	0.73	0.37	0.24	0.36	0.04	-0.01	120.	
125.	1.20	0.71	0.35	0.24	0.34	0.06	0.01	125.	
130.	1.21	0.67	0.33	0.23	0.33	0.07	0.02	130.	
135.	1.12	0.63	0.33	0.22	0.31	0.04	0.03	135.	
140.	1.07	0.61	0.34	0.22	0.29	0.04	0.03	140.	
145.	1.07	0.64	0.37	0.24	0.28	0.04	0.04	145.	
150.	1.17	0.76	0.43	0.30	0.31	0.12	0.07	150.	
155.	1.27	0.90	0.53	0.36	0.33	0.10	0.08	155.	
160.	1.41	1.04	0.64	0.43	0.37	0.20	0.10	160.	
165.	1.53	1.13	0.74	0.51	0.35	0.23	0.11	165.	
170.	1.64	1.20	0.81	0.56	0.41	0.26	0.12	170.	
175.	1.59	1.27	0.85	0.61	0.41	0.27	0.12	175.	
180.	1.47	1.27	0.84	0.59	0.39	0.27	0.13	180.	
185.	1.23	1.15	0.77	0.55	0.34	0.27	0.14	185.	
190.	0.96	0.97	0.67	0.47	0.27	0.25	0.13	190.	
195.	0.77	0.70	0.55	0.30	0.10	0.21	0.11	195.	
200.	0.56	0.50	0.43	0.29	0.09	0.17	0.09	200.	
205.	0.23	0.39	0.31	0.20	-0.01	0.13	0.00	205.	
210.	-0.00	0.22	0.19	0.12	-0.07	0.10	0.07	210.	
215.	-0.27	0.06	0.09	0.06	-0.11	0.08	0.06	215.	
220.	-0.38	-0.09	-0.03	0.00	-0.14	0.06	0.05	220.	
225.	-0.52	-0.10	-0.08	-0.04	-0.10	0.04	0.05	225.	
230.	-0.66	-0.26	-0.14	-0.08	-0.22	0.03	0.05	230.	
235.	-0.77	-0.32	-0.19	-0.12	-0.20	0.02	0.05	235.	
240.	-0.87	-0.30	-0.22	-0.16	-0.29	0.01	0.04	240.	
245.	-0.95	-0.44	-0.24	-0.19	-0.32	-0.01	0.03	245.	
250.	-1.02	-0.49	-0.29	-0.22	-0.33	-0.02	0.02	250.	
255.	-1.06	-0.53	-0.32	-0.23	-0.34	-0.03	0.02	255.	
260.	-1.09	-0.55	-0.34	-0.24	-0.35	-0.03	0.02	260.	
265.	-1.11	-0.57	-0.34	-0.24	-0.35	-0.04	0.02	265.	
270.	-1.13	-0.58	-0.35	-0.23	-0.35	-0.04	0.02	270.	
275.	-1.14	-0.58	-0.34	-0.23	-0.35	-0.04	0.02	275.	
280.	-1.14	-0.58	-0.34	-0.23	-0.35	-0.04	0.02	280.	
285.	-1.14	-0.58	-0.34	-0.23	-0.35	-0.04	0.02	285.	
290.	-1.14	-0.57	-0.35	-0.23	-0.35	-0.04	0.02	290.	
295.	-1.13	-0.58	-0.35	-0.23	-0.30	0.03	0.02	295.	
300.	-1.11	-0.58	-0.35	-0.24	-0.34	0.03	0.04	300.	
305.	-1.09	-0.58	-0.35	-0.24	-0.34	0.00	0.07	305.	
310.	-0.98	-0.57	-0.35	-0.24	-0.36	-0.04	0.04	310.	
315.	-0.91	-0.54	-0.34	-0.22	-0.34	-0.04	0.00	315.	
320.	-0.80	-0.51	-0.30	-0.21	-0.32	-0.04	0.01	320.	
325.	-0.69	-0.54	-0.30	-0.22	-0.30	-0.03	0.02	325.	
330.	-1.20	-0.60	-0.30	-0.27	-0.31	-0.04	0.00	330.	
335.	-1.35	-0.62	-0.44	-0.33	-0.35	-0.07	-0.03	335.	
340.	-1.35	-0.60	-0.51	-0.36	-0.36	-0.10	-0.04	340.	
345.	-1.29	-0.63	-0.50	-0.33	-0.35	-0.13	-0.05	345.	
350.	-1.35	-0.67	-0.53	-0.35	-0.34	-0.13	-0.06	350.	
355.	-1.44	-0.98	-0.60	-0.41	-0.40	-0.17	-0.07	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=503 CNTR NO. 103 TCN= 46. C.R.= 50.3

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEG.	0.455	1.340	1.950	2.900	4.550	7.150	10.403	DEG.
0.	-1.96	-1.30	-2.79	-0.67	-0.46	-0.10	-0.06	0.
5.	-1.46	-1.19	-0.81	-0.59	-0.33	-0.16	-0.05	5.
10.	-1.07	-0.89	-0.83	-0.51	-0.26	-0.16	-0.04	10.
15.	-2.09	-2.42	-0.22	-0.52	-0.27	-0.19	-0.09	15.
20.	-3.46	-0.46	-0.48	-0.32	-0.21	-0.18	-0.07	20.
25.	-3.16	-0.20	-3.32	-0.20	-0.09	-0.14	-0.05	25.
30.	3.10	0.10	-0.15	-0.50	0.02	-0.10	-0.03	30.
35.	3.55	0.41	-0.02	0.08	0.11	-0.09	-0.01	35.
40.	3.00	0.75	0.11	0.25	0.18	-0.37	-0.01	40.
45.	1.16	0.97	0.31	0.44	0.29	-3.01	-0.01	45.
50.	1.36	1.15	0.49	0.50	0.43	3.05	0.01	50.
55.	1.40	1.29	0.62	0.66	0.48	3.06	0.02	55.
60.	1.51	1.32	3.60	0.72	0.50	0.06	0.01	60.
65.	1.42	1.21	3.69	3.77	0.50	0.02	0.00	65.
70.	1.24	1.08	3.64	0.79	0.50	0.01	0.00	70.
75.	1.03	0.94	3.57	0.85	0.51	0.00	-0.01	75.
80.	3.02	3.79	0.49	0.78	0.51	-3.02	-0.02	80.
85.	0.61	0.61	3.39	0.73	0.45	-0.37	-0.04	85.
90.	3.42	0.47	3.29	0.66	0.38	-0.15	-0.07	90.
95.	3.26	0.42	0.20	0.57	0.31	-0.18	-0.06	95.
100.	0.09	0.36	0.10	0.47	0.25	-0.17	-0.07	100.
105.	-3.55	0.26	-0.63	0.45	0.14	-0.18	-0.06	105.
110.	-3.52	0.05	-3.25	0.21	0.06	-3.22	-0.09	110.
115.	-3.73	-0.30	-0.51	0.06	-0.02	-3.25	-0.10	115.
120.	-1.02	-0.65	-0.69	-0.04	-3.02	-0.26	-0.05	120.
125.	-1.17	-0.85	-3.74	-0.10	-0.12	-0.27	-0.09	125.
130.	-1.15	-0.32	-0.74	-0.13	-0.12	-0.24	-0.09	130.
135.	-1.03	-0.00	-0.67	-0.12	-0.09	-0.23	-0.06	135.
140.	-2.04	-0.59	-0.56	-0.07	-0.04	-0.19	-0.07	140.
145.	-0.61	-0.23	-3.42	0.00	0.02	-3.14	-0.06	145.
150.	-0.95	0.14	-0.25	0.05	0.06	-0.09	-0.04	150.
155.	-0.00	0.34	-0.06	0.18	0.09	-0.04	-0.02	155.
160.	0.19	0.45	0.14	0.26	0.12	0.01	0.00	160.
165.	0.45	0.50	0.24	0.33	0.19	0.04	0.02	165.
170.	0.67	0.60	0.57	0.57	0.30	0.09	0.03	170.
175.	0.04	0.71	0.48	0.40	0.35	0.13	0.04	175.
180.	2.02	0.69	0.55	0.39	0.34	0.16	0.05	180.
185.	2.92	0.59	0.57	0.36	0.30	3.10	0.05	185.
190.	2.04	0.56	0.55	0.31	0.24	3.10	0.05	190.
195.	0.75	0.60	0.51	0.25	0.17	3.17	0.05	195.
200.	3.01	0.56	3.44	0.18	0.11	0.16	0.05	200.
205.	3.46	0.37	0.36	0.10	0.04	0.14	0.04	205.
210.	0.31	0.15	0.27	0.32	-0.01	3.13	0.04	210.
215.	3.16	-0.03	0.19	-0.35	-0.06	0.12	0.04	215.
220.	1.02	-3.17	0.12	-0.12	-0.10	3.11	0.03	220.
225.	-3.10	-3.23	0.06	-0.19	-0.13	0.10	0.03	225.
230.	-3.19	-0.26	3.01	-0.24	-0.16	0.09	3.03	230.
235.	-0.25	-0.31	-0.63	-0.28	-0.19	0.09	0.04	235.
240.	-0.31	-0.36	-0.06	-0.31	-0.21	0.09	0.04	240.
245.	-0.36	-0.41	-0.07	-0.34	-0.23	0.09	0.04	245.
250.	-2.41	-0.43	-3.07	-0.36	-0.25	3.09	0.03	250.
255.	-0.44	-0.43	-3.06	-3.37	-0.26	0.09	0.03	255.
260.	-0.47	-0.43	-0.06	-0.39	-0.27	0.00	0.03	260.
265.	-0.48	-0.44	-3.06	-0.39	-0.27	3.20	0.03	265.
270.	-3.48	-0.44	-0.06	-0.39	-0.27	0.00	0.02	270.
275.	-0.47	-0.44	-0.06	-0.39	-0.27	0.09	0.02	275.
280.	-3.46	-0.43	-0.06	-0.39	-0.27	3.09	0.02	280.
285.	-0.43	-0.42	-3.07	-0.39	-0.27	0.10	0.02	285.
290.	-0.38	-0.40	-0.37	-0.37	-0.26	0.18	0.03	290.
295.	-0.31	-0.38	-3.07	-0.35	-0.24	0.11	0.04	295.
300.	-0.23	-0.34	-0.05	-0.32	-0.22	0.11	0.05	300.
305.	-3.16	-0.29	-0.00	-0.31	-0.19	0.11	0.06	305.
310.	-0.11	-0.25	0.04	-0.30	-0.17	3.11	0.06	310.
315.	-0.07	-0.23	0.04	-0.29	-0.15	0.11	0.06	315.
320.	-3.04	-0.22	0.02	-0.28	-0.15	0.10	0.06	320.
325.	0.06	-0.23	-0.01	-3.26	-0.15	0.10	0.05	325.
330.	-0.07	-0.24	-0.03	-0.24	-0.15	0.09	0.05	330.
335.	-3.02	-0.21	-0.04	-0.24	-0.16	0.09	0.05	335.
340.	3.15	-0.11	-3.01	-0.23	-0.15	0.00	0.05	340.
345.	0.26	-0.02	3.04	-0.18	-0.07	3.04	0.05	345.
350.	-0.47	-0.62	-0.33	-0.37	-0.22	-0.03	0.00	350.
355.	-1.02	-0.07	-0.57	-0.34	-0.40	-0.11	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-503 CNTR NO. 163 TEM- 46. C.A.- 56.0

DIFFERENTIAL PRESSURES									
SPAN STATION 170.5									
AZ	CHORD STATION								AZ
005.	0.455	1.040	1.954	2.990	4.550	7.150	10.400	005.	
5.	-0.04	0.24	0.00	0.07	0.04	-0.02	-0.00	0.	
5.	-0.57	-0.31	-0.24	-0.10	-0.17	-0.12	-0.01	5.	
10.	-0.64	-0.43	-0.39	-0.18	-0.26	-0.16	-0.31	10.	
15.	-0.22	-0.22	-0.20	-0.17	-0.23	-0.10	-0.02	15.	
20.	-0.27	-0.17	-0.22	-0.12	-0.10	-0.12	-0.01	20.	
25.	-0.17	0.09	-0.02	-0.06	-0.00	-0.09	0.02	25.	
30.	0.39	0.22	0.14	0.01	-0.01	-0.02	0.04	30.	
35.	0.90	0.47	0.29	0.00	0.00	0.02	0.03	35.	
40.	1.13	0.49	0.40	0.10	0.10	0.10	0.04	40.	
45.	1.31	0.85	2.71	0.77	0.79	0.16	0.00	45.	
50.	1.45	0.85	0.90	0.30	0.30	0.20	0.10	50.	
55.	1.54	0.79	0.94	0.43	0.45	0.22	0.09	55.	
60.	1.51	0.65	0.83	0.53	0.47	0.20	0.07	60.	
65.	1.32	0.43	0.64	0.60	0.44	0.16	0.33	65.	
70.	1.10	0.18	0.49	1.13	0.38	0.11	0.04	70.	
75.	0.99	-0.00	0.23	1.20	0.29	0.00	0.02	75.	
80.	0.69	-0.31	0.16	1.21	0.10	-0.03	-0.00	80.	
85.	0.46	-0.53	-0.16	1.02	-0.00	-0.13	-0.03	85.	
90.	0.16	-0.76	-0.40	0.86	-0.26	-0.22	-0.03	90.	
95.	-0.32	-1.14	-0.76	0.41	-0.51	-0.27	-0.03	95.	
100.	-0.67	-1.62	-1.04	-0.35	-0.66	-0.20	-0.04	100.	
105.	-1.35	-2.04	-1.36	-1.09	-0.67	-0.27	-0.04	105.	
110.	-1.63	-2.27	-1.63	-1.07	-0.63	-0.25	-0.04	110.	
115.	-1.73	-2.30	-1.00	-1.00	-0.57	-0.24	-0.04	115.	
120.	-1.80	-2.43	-2.03	-1.40	-0.61	-0.26	-0.03	120.	
125.	-1.86	-2.61	-2.09	-1.15	-0.60	-0.25	-0.04	125.	
130.	-1.89	-2.33	-1.93	-1.04	-0.75	-0.26	-0.00	130.	
135.	-1.80	-2.13	-1.72	-1.00	-0.77	-0.25	-0.04	135.	
140.	-1.76	-1.89	-1.50	-1.00	-0.74	-0.20	-0.03	140.	
145.	-1.57	-1.59	-1.20	-0.87	-0.64	-0.16	-0.03	145.	
150.	-1.31	-1.20	-1.04	-0.72	-0.51	-0.11	-0.04	150.	
155.	-1.02	-0.96	-0.64	-0.60	-0.40	-0.07	-0.03	155.	
160.	-0.70	-0.65	-0.42	-0.49	-0.28	-0.02	-0.02	160.	
165.	-0.39	-0.33	-0.19	-0.39	-0.16	0.00	-0.01	165.	
170.	-0.10	-0.07	-0.19	-0.20	-0.04	0.07	0.00	170.	
175.	0.14	0.19	-0.01	-0.10	0.04	0.11	0.01	175.	
180.	0.30	0.39	0.12	-0.00	0.11	0.13	0.02	180.	
185.	0.46	0.54	0.22	-0.01	0.15	0.13	0.02	185.	
190.	0.63	0.62	0.30	0.03	0.17	0.12	0.02	190.	
195.	0.82	0.65	0.34	0.05	0.17	0.11	0.01	195.	
200.	0.99	0.64	0.35	0.07	0.16	0.09	0.00	200.	
205.	0.32	0.61	0.35	0.00	0.15	0.00	-0.00	205.	
210.	0.23	0.56	0.34	0.09	0.14	0.06	-0.00	210.	
215.	0.12	0.51	0.34	0.10	0.13	0.05	-0.00	215.	
220.	0.03	0.49	0.33	0.10	0.12	0.04	-0.00	220.	
225.	-0.03	0.47	0.32	0.09	0.11	0.03	-0.01	225.	
230.	-0.06	0.44	0.32	0.09	0.10	0.03	-0.02	230.	
235.	-0.00	0.45	0.32	0.00	0.10	0.03	-0.02	235.	
240.	-0.09	0.43	0.34	0.00	0.10	0.04	-0.02	240.	
245.	-0.10	0.44	0.37	0.09	0.11	0.04	-0.02	245.	
250.	-0.09	0.46	0.40	0.11	0.13	0.04	-0.01	250.	
255.	-0.07	0.50	0.43	0.13	0.15	0.05	-0.01	255.	
260.	-0.05	0.54	0.46	0.16	0.16	0.05	-0.01	260.	
265.	-0.02	0.57	0.49	0.18	0.17	0.05	-0.01	265.	
270.	0.02	0.60	0.51	0.20	0.18	0.06	-0.00	270.	
275.	0.05	0.64	0.52	0.21	0.19	0.06	-0.00	275.	
280.	0.08	0.67	0.54	0.23	0.20	0.06	0.00	280.	
285.	0.13	0.71	0.56	0.24	0.21	0.07	0.00	285.	
290.	0.20	0.74	0.58	0.26	0.23	0.07	0.01	290.	
295.	0.27	0.78	0.60	0.27	0.25	0.08	0.01	295.	
300.	0.39	0.82	0.63	0.29	0.27	0.09	0.01	300.	
305.	0.46	0.86	0.65	0.30	0.28	0.10	0.01	305.	
310.	0.54	0.90	0.68	0.33	0.29	0.11	0.02	310.	
315.	0.59	0.92	0.69	0.35	0.30	0.12	0.02	315.	
320.	0.62	0.92	0.68	0.34	0.29	0.12	0.02	320.	
325.	0.60	0.87	0.65	0.35	0.28	0.10	0.02	325.	
330.	0.51	0.78	0.59	0.30	0.26	0.08	0.02	330.	
335.	0.43	0.68	0.51	0.25	0.22	0.06	0.01	335.	
340.	0.40	0.61	0.44	0.22	0.19	0.05	0.01	340.	
345.	0.40	0.63	0.47	0.23	0.22	0.06	0.02	345.	
350.	0.32	0.60	0.46	0.22	0.20	0.05	0.02	350.	
355.	0.46	0.59	0.37	0.17	0.10	-0.00	0.00	355.	

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-503 CNTR NO. 163 TCN- 46. C.R.- 56.0

DIFFERENTIAL PRESSURES

SPAN STATION 100.0

AZ	CHORD STATION							AZ
SEC.	0.495	1.548	1.950	2.400	4.550	7.150	10.400	SEC.
0.	0.66	0.51	0.20	0.30	0.05	0.09	0.04	0.
5.	-0.52	-0.50	-0.44	-0.10	-0.05	-0.06	-0.00	5.
10.	-0.62	-0.76	-0.64	-0.27	-0.12	-0.12	-0.01	10.
15.	-0.50	-0.44	-0.44	-0.10	-0.16	-0.00	-0.00	15.
20.	0.01	0.07	-0.21	0.03	-0.62	-0.03	0.02	20.
25.	0.47	0.44	-0.03	0.09	0.16	0.00	0.04	25.
30.	0.01	0.64	0.14	0.16	0.33	-0.02	0.03	30.
35.	1.05	0.79	0.35	0.32	0.51	-0.01	0.03	35.
40.	1.26	0.99	0.60	0.49	0.67	0.03	0.04	40.
45.	1.43	1.11	0.90	0.61	0.62	0.07	0.04	45.
50.	1.48	1.13	1.48	0.76	0.94	0.18	0.04	50.
55.	1.46	1.14	1.02	1.04	1.00	0.10	0.00	55.
60.	1.37	1.06	1.09	1.31	1.00	0.04	-0.00	60.
65.	1.17	0.83	1.70	1.31	0.05	-0.04	-0.03	65.
70.	0.87	0.53	1.49	0.95	0.69	-0.16	-0.05	70.
75.	0.59	0.22	1.22	0.48	1.21	-0.20	-0.09	75.
80.	0.27	-0.05	1.06	0.03	1.05	-0.39	-0.14	80.
85.	-0.15	-0.20	0.80	-0.24	2.19	-0.52	-0.17	85.
90.	-0.67	-0.06	0.30	-0.55	1.75	-0.57	-0.14	90.
95.	-1.32	-1.47	-0.24	-0.02	0.25	-0.45	-0.10	95.
100.	-1.76	-1.05	-0.04	-1.19	-1.70	-0.35	-0.00	100.
105.	-1.96	-2.04	-1.31	-1.40	-2.06	-0.25	-0.07	105.
110.	-2.12	-2.16	-1.56	-1.81	-2.81	-0.21	-0.05	110.
115.	-2.25	-2.27	-1.63	-2.33	-1.72	-0.22	-0.05	115.
120.	-2.35	-2.35	-1.69	-2.62	-0.43	-0.30	-0.04	120.
125.	-2.44	-2.44	-2.00	-3.03	-0.21	-0.37	-0.07	125.
130.	-2.40	-2.47	-2.23	-2.56	-0.29	-0.40	-0.00	130.
135.	-2.47	-2.30	-2.30	-1.73	-0.63	-0.40	-0.09	135.
140.	-2.36	-2.20	-2.13	-1.14	-0.40	-0.35	-0.00	140.
145.	-2.12	-1.93	-1.70	-1.05	-0.44	-0.20	-0.07	145.
150.	-1.82	-1.61	-1.65	-0.90	-0.36	-0.24	-0.00	150.
155.	-1.49	-1.26	-1.15	-0.73	-0.27	-0.20	-0.05	155.
160.	-1.13	-0.91	-0.86	-0.53	-0.10	-0.14	-0.04	160.
165.	-0.76	-0.54	-0.61	-0.33	-0.09	-0.00	-0.02	165.
170.	-0.43	-0.21	-0.30	-0.15	-0.02	-0.02	-0.00	170.
175.	-0.12	0.03	-0.10	-0.01	0.01	0.04	0.01	175.
180.	0.14	0.21	-0.03	0.19	0.01	0.00	0.01	180.
185.	0.32	0.32	0.07	0.10	-0.01	0.10	0.01	185.
190.	0.42	0.39	0.12	0.23	-0.02	0.12	0.01	190.
195.	0.45	0.42	0.13	2.27	-0.04	0.13	0.01	195.
200.	0.41	0.43	0.14	0.20	-0.04	0.13	0.01	200.
205.	0.34	0.42	0.13	0.29	-0.00	0.13	-0.00	205.
210.	0.27	0.30	0.11	0.29	-0.10	0.13	-0.00	210.
215.	0.22	0.34	0.09	0.20	-0.13	0.12	0.01	215.
220.	0.10	0.33	0.07	0.20	-0.15	0.12	0.01	220.
225.	0.15	0.33	0.04	0.27	-0.17	0.12	0.01	225.
230.	0.13	0.33	0.03	0.27	-0.19	0.13	0.01	230.
235.	0.13	0.35	0.04	0.20	-0.21	0.13	0.01	235.
240.	0.14	0.37	0.00	0.31	-0.21	0.14	0.02	240.
245.	0.17	0.39	0.10	0.34	-0.21	0.14	0.02	245.
250.	0.21	0.41	0.12	0.38	-0.19	0.15	0.03	250.
255.	0.26	0.44	0.14	0.42	-0.10	0.16	0.03	255.
260.	0.31	0.48	0.17	0.45	-0.17	0.17	0.03	260.
265.	0.30	0.53	0.20	0.40	-0.16	0.10	0.03	265.
270.	0.45	0.50	0.24	0.51	-0.16	0.19	0.03	270.
275.	0.52	0.63	0.20	0.53	-0.14	0.20	0.03	275.
280.	0.50	0.60	0.33	0.55	-0.12	0.21	0.04	280.
285.	0.64	0.72	0.39	0.57	-0.10	0.21	0.04	285.
290.	0.70	0.76	0.45	0.60	-0.07	0.21	0.03	290.
295.	0.80	0.82	0.50	0.62	-0.03	0.21	0.04	295.
300.	0.91	0.91	0.54	0.65	0.01	0.22	0.05	300.
305.	1.00	0.99	0.57	0.60	0.05	0.23	0.04	305.
310.	1.04	1.04	0.50	0.70	0.10	0.25	0.07	310.
315.	1.06	1.05	0.50	0.71	0.16	0.25	0.07	315.
320.	1.00	1.05	0.50	0.71	0.22	0.25	0.07	320.
325.	1.10	0.90	0.50	0.69	0.25	0.24	0.07	325.
330.	1.02	0.89	0.50	0.64	0.23	0.21	0.07	330.
335.	0.86	0.79	0.42	0.57	0.10	0.19	0.04	335.
340.	0.71	0.60	0.34	0.40	0.10	0.10	0.07	340.
345.	0.71	0.64	0.30	0.40	0.03	0.10	0.07	345.
350.	0.75	0.67	0.30	0.40	-0.02	0.17	0.07	350.
355.	0.66	0.75	0.30	0.40	-0.02	0.15	0.06	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-533 CNTR NO. 163 TCN= 46. C.R.= 56.0

DIFFERENTIAL PRESSURES

SPAN STATION 109.5

AZ	CHORD STATION							AZ
000.	0.455	1.040	1.950	2.400	4.350	7.150	10.400	000.
0.	1.04	0.66	0.09	0.15	0.00	0.37	-0.05	0.
5.	-0.52	-0.21	-0.60	-0.27	-0.11	-0.04	-0.07	5.
10.	-0.90	-0.56	-0.71	-0.38	-0.17	-0.10	-0.07	10.
15.	-0.60	-0.20	-0.53	-0.23	-0.09	-0.06	-0.06	15.
20.	3.25	0.15	-0.23	-0.07	0.01	-3.05	-0.05	20.
25.	2.68	0.40	-0.00	0.05	0.09	-3.37	-0.05	25.
30.	0.90	0.60	3.02	0.12	0.19	-3.09	-0.36	30.
35.	1.17	0.06	0.20	0.29	0.71	-0.00	-0.07	35.
40.	1.30	1.04	1.02	0.43	0.42	-0.07	-0.06	40.
45.	1.51	1.14	1.03	0.60	0.49	-0.09	-0.06	45.
50.	1.57	1.10	2.65	1.22	0.52	-3.15	-0.04	50.
55.	1.52	1.32	2.03	1.74	0.37	-3.24	-0.10	55.
60.	1.34	1.36	1.02	1.05	0.49	-3.36	-0.15	60.
65.	1.06	1.15	1.53	1.73	1.10	-0.47	-0.17	65.
70.	0.72	0.61	1.35	1.54	1.92	-0.54	-0.15	70.
75.	0.22	0.40	1.14	0.97	1.09	-0.69	-0.16	75.
80.	-5.25	-0.10	0.07	0.11	0.07	-0.78	-0.22	80.
85.	-0.09	-0.09	0.55	-0.41	0.30	-0.60	-0.20	85.
90.	-1.53	-1.20	0.21	-0.01	-0.00	-0.44	-0.12	90.
95.	-2.06	-1.77	-0.09	-1.10	-0.44	-0.16	-0.05	95.
100.	-2.41	-2.03	-0.34	-1.30	-0.61	0.02	-0.03	100.
105.	-2.04	-2.17	-0.54	-1.45	-1.22	0.11	-0.04	105.
110.	-2.01	-2.27	-0.64	-1.60	-2.54	0.10	-0.01	110.
115.	-2.95	-2.33	-0.71	-1.01	-3.10	-0.02	0.02	115.
120.	-3.01	-2.36	-0.07	-2.13	-2.50	-0.19	0.03	120.
125.	-3.00	-2.30	-1.24	-2.56	-0.04	-0.37	0.02	125.
130.	-3.10	-2.43	-1.02	-2.03	-0.14	-0.46	-0.03	130.
135.	-3.07	-2.44	-2.13	-2.10	-0.16	-0.40	-0.06	135.
140.	-2.90	-2.30	-2.14	-1.21	-0.30	-0.44	-0.07	140.
145.	-2.61	-2.05	-1.03	-0.70	-0.30	-0.30	-0.04	145.
150.	-2.27	-1.74	-1.61	-0.67	-0.37	-0.32	-0.05	150.
155.	-1.00	-1.47	-1.32	-0.74	-0.32	-0.26	-0.02	155.
160.	-1.50	-1.0	-1.04	-0.56	-0.23	-0.19	0.00	160.
165.	-1.13	-0.73	-0.00	-0.34	-0.14	-0.13	0.02	165.
170.	-5.75	-0.44	-0.60	-0.70	-0.06	-0.07	0.04	170.
175.	-0.37	-0.19	-0.42	-0.07	0.00	-0.02	0.05	175.
180.	-0.04	0.01	-0.20	0.03	0.05	0.03	0.04	180.
185.	3.10	0.16	-0.10	0.09	0.07	0.06	0.04	185.
190.	3.32	0.25	-0.11	0.14	3.59	0.00	0.05	190.
195.	0.39	3.29	-0.04	0.17	0.0	3.10	0.06	195.
200.	3.40	0.30	-0.07	0.10	0	0.11	0.35	200.
205.	0.37	0.31	-0.02	0.10	0.07	3.12	0.04	205.
210.	0.31	0.30	-0.00	0.10	0.06	0.13	0.05	210.
215.	3.27	0.20	-0.09	0.19	0.94	0.14	0.06	215.
220.	3.25	0.27	-0.09	0.19	0.94	3.10	0.06	220.
225.	3.26	0.26	3.09	0.0	0.04	3.10	0.06	225.
230.	0.70	0.27	-0.07	0.0	0.05	0.21	0.03	230.
235.	0.31	0.29	-0.05	0.24	3.05	0.23	0.07	235.
240.	0.34	0.32	-0.01	0.36	0.06	0.25	3.00	240.
245.	3.42	0.37	0.02	0.29	0.07	0.24	0.08	245.
250.	3.50	0.41	0.06	0.32	0.37	3.20	0.00	250.
255.	3.50	0.46	0.10	0.35	0.00	3.20	0.00	255.
260.	3.63	0.52	3.15	0.30	0.09	3.24	0.00	260.
265.	0.77	0.50	3.17	0.40	0.11	0.30	0.09	265.
270.	0.07	0.63	0.22	0.43	0.12	0.30	0.09	270.
275.	0.07	0.69	0.26	0.46	1.14	0.30	0.09	275.
280.	1.00	0.76	0.30	0.48	0.0	3.30	0.10	280.
285.	1.19	0.03	0.34	0.50	0.17	3.31	0.09	285.
290.	1.30	0.90	3.59	0.52	0.19	3.51	0.00	290.
295.	1.40	0.97	0.42	0.54	0.21	0.32	0.00	295.
300.	1.40	1.04	0.46	0.56	0.23	0.32	0.04	300.
305.	1.54	1.00	0.40	0.57	0.24	0.32	0.00	305.
310.	1.57	1.11	0.40	0.59	0.26	0.32	0.07	310.
315.	1.62	1.13	0.40	0.59	0.27	0.31	0.07	315.
320.	1.64	1.15	0.47	0.56	0.28	0.31	0.06	320.
325.	1.60	1.13	0.45	0.57	0.29	0.29	0.05	325.
330.	1.47	1.06	0.41	0.53	0.27	0.20	0.04	330.
335.	1.22	0.89	0.31	0.46	0.23	0.26	0.03	335.
340.	1.05	0.72	0.22	0.30	0.10	0.24	0.02	340.
345.	0.93	0.66	0.10	0.34	0.13	0.20	0.02	345.
350.	0.97	0.71	0.23	0.34	0.13	0.16	0.30	350.
355.	1.15	0.05	0.27	0.37	0.22	0.10	0.31	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CMTA NO. 256 TCM= 50. C.R.= 10.3

DIFFERENTIAL PRESSURES

SPAN STATION 52.5					
CHORD STATION					
AZ	0.455	1.950	4.550	10.400	AZ
DEG.					DEG.
0.	-0.93	-0.41	-0.34	0.05	0.
5.	-0.86	-0.29	-0.23	0.11	5.
10.	-0.96	-0.35	-0.12	0.07	10.
15.	-0.70	-0.21	-0.02	0.01	15.
20.	-0.50	-0.16	0.01	0.04	20.
25.	-0.83	-0.37	-0.13	0.03	25.
30.	-0.93	-0.51	-0.26	-0.01	30.
35.	-0.92	-0.50	-0.23	-0.02	35.
40.	-0.79	-0.37	-0.17	-0.06	40.
45.	-0.51	-0.18	-0.10	0.01	45.
50.	-0.25	-0.06	-0.04	0.02	50.
55.	-0.06	-0.02	0.01	0.02	55.
60.	0.04	-0.09	0.02	0.01	60.
65.	-0.01	-0.02	0.01	0.01	65.
70.	-0.09	-0.05	-0.06	-0.06	70.
75.	-0.11	-0.07	-0.01	-0.01	75.
80.	-0.08	-0.07	-0.06	-0.01	80.
85.	0.30	-0.03	0.32	-0.21	85.
90.	0.17	0.03	0.36	-0.00	90.
95.	0.37	0.14	0.13	0.01	95.
100.	0.50	0.20	0.20	0.03	100.
105.	0.61	0.42	0.28	0.04	105.
110.	1.02	0.55	0.36	0.06	110.
115.	1.22	0.66	0.43	0.27	115.
120.	1.40	0.76	0.50	0.00	120.
125.	1.54	0.83	0.54	0.09	125.
130.	1.69	0.86	0.56	0.10	130.
135.	1.79	0.91	0.57	0.10	135.
140.	1.87	0.92	0.57	0.10	140.
145.	1.91	0.91	0.56	0.10	145.
150.	1.90	0.87	0.53	0.09	150.
155.	1.84	0.83	0.50	0.08	155.
160.	1.73	0.77	0.46	0.06	160.
165.	1.59	0.70	0.41	0.07	165.
170.	1.41	0.61	0.35	0.06	170.
175.	1.22	0.57	0.28	0.05	175.
180.	0.97	0.28	0.20	0.02	180.
185.	0.49	0.10	0.12	0.02	185.
190.	0.14	-0.10	0.02	0.01	190.
195.	-0.11	-0.23	-0.06	0.01	195.
200.	-0.35	-0.23	-0.17	-0.00	200.
205.	-0.55	-0.23	-0.23	-0.01	205.
210.	-0.60	-0.26	-0.27	-0.02	210.
215.	-0.56	-0.33	-0.31	-0.04	215.
220.	-0.50	-0.34	-0.32	-0.06	220.
225.	-0.49	-0.32	-0.31	-0.08	225.
230.	-0.30	-0.30	-0.30	-0.09	230.
235.	-0.20	-0.28	-0.29	-0.09	235.
240.	-0.50	-0.27	-0.27	-0.08	240.
245.	-0.40	-0.25	-0.25	-0.08	245.
250.	-0.47	-0.24	-0.24	-0.09	250.
255.	-0.47	-0.23	-0.22	-0.13	255.
260.	-0.48	-0.22	-0.21	-0.13	260.
265.	-0.50	-0.22	-0.21	-0.12	265.
270.	-0.52	-0.22	-0.20	-0.10	270.
275.	-0.54	-0.22	-0.19	-0.10	275.
280.	-0.55	-0.21	-0.18	-0.11	280.
285.	-0.55	-0.20	-0.18	-0.11	285.
290.	-0.51	-0.19	-0.17	-0.10	290.
295.	-0.53	-0.19	-0.13	-0.10	295.
300.	-0.54	-0.18	-0.13	-0.13	300.
305.	-0.54	-0.19	-0.12	-0.12	305.
310.	-0.53	-0.22	-0.10	-0.09	310.
315.	-0.52	-0.24	-0.07	-0.05	315.
320.	-0.52	-0.24	-0.05	-0.00	320.
325.	-0.51	-0.18	-0.02	0.01	325.
330.	-0.38	-0.12	-0.05	0.07	330.
335.	-0.40	-0.17	-0.08	0.08	335.
340.	-0.40	-0.27	-0.08	0.04	340.
345.	-0.47	-0.39	-0.11	0.01	345.
350.	-0.77	-0.35	-0.10	0.04	350.
355.	-0.87	-0.49	-0.28	0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CNTR NO. 256 TCN= 50. C.R.= 10.0

DIFFERENTIAL PRESSURES

SPAN STATION 79.0								
AZ	CHORD STATION							AZ
DEC.	3.455	1.046	1.950	2.990	4.550	7.150	10.400	DEC.
5.	-2.44	-1.00	-1.25	-0.82	-0.50	-0.27	-0.12	5.
5.	-2.42	-1.03	-1.23	-0.73	-0.51	-0.15	-0.31	5.
10.	-1.73	-1.20	-0.92	-0.44	-0.35	-0.39	0.28	10.
15.	-0.83	-0.79	-0.50	-0.36	-0.28	-0.11	0.13	15.
20.	-0.97	-0.82	-0.63	-0.30	-0.29	-0.13	-0.63	20.
25.	-1.11	-0.90	-0.65	-0.45	-0.31	-0.19	-0.01	25.
30.	-1.12	-0.90	-0.60	-0.37	-0.29	-0.16	0.00	30.
35.	-1.01	-0.77	-0.61	-0.31	-0.21	-0.15	-0.21	35.
40.	-0.76	-0.56	-0.40	-0.22	-0.10	-0.12	-0.31	40.
45.	-0.45	-0.37	-0.37	-0.14	-0.03	-0.09	-0.31	45.
50.	-0.17	-0.23	-0.29	-0.30	-0.33	-0.10	0.00	50.
55.	-0.05	-0.17	-0.20	-0.67	-0.05	-0.11	-0.61	55.
60.	0.30	-0.13	-0.26	-0.00	-0.07	-0.13	-0.33	60.
65.	0.02	-0.11	-0.27	-0.10	-0.05	-0.15	-0.34	65.
70.	0.01	-0.09	-0.26	-0.09	-0.01	-0.16	-0.34	70.
75.	0.01	-0.00	-0.22	-0.00	0.05	-0.15	-0.12	75.
80.	0.03	-0.06	-0.17	-0.02	0.11	-0.13	-0.01	80.
85.	0.10	-0.01	-0.10	0.00	0.17	-0.11	-0.46	85.
90.	0.23	0.00	-0.01	0.12	0.23	-0.09	0.01	90.
95.	0.46	0.23	0.11	0.21	0.30	-0.30	0.32	95.
100.	0.73	0.44	0.28	0.32	0.37	-0.71	0.34	100.
105.	1.03	0.69	0.44	0.44	0.44	-0.04	0.66	105.
110.	1.32	0.92	0.63	0.55	0.54	0.09	0.87	110.
115.	1.60	1.13	0.79	0.65	0.62	0.15	0.00	115.
120.	1.85	1.34	0.94	0.72	0.69	0.21	0.11	120.
125.	2.00	1.54	1.06	0.74	0.74	0.25	0.14	125.
130.	2.25	1.69	1.14	0.79	0.75	0.27	0.15	130.
135.	2.32	1.75	1.17	0.80	0.72	0.28	0.15	135.
140.	2.31	1.77	1.10	0.70	0.67	0.27	0.14	140.
145.	2.24	1.74	1.10	0.72	0.63	0.26	0.13	145.
150.	2.19	1.70	1.13	0.72	0.50	0.25	0.12	150.
155.	2.10	1.65	1.12	0.71	0.56	0.25	0.12	155.
160.	2.20	1.65	1.17	0.73	0.55	0.26	0.13	160.
165.	2.34	1.60	1.21	0.76	0.55	0.28	0.14	165.
170.	2.36	1.69	1.22	0.70	0.57	0.30	0.15	170.
175.	2.28	1.66	1.20	0.74	0.57	0.32	0.15	175.
180.	2.50	1.52	1.11	0.65	0.52	0.31	0.15	180.
185.	1.50	1.20	0.92	0.53	0.30	0.20	0.13	185.
190.	1.00	0.91	0.65	0.30	0.22	0.22	0.10	190.
195.	0.57	0.53	0.35	0.22	0.30	0.14	0.06	195.
200.	0.11	0.32	0.07	0.05	-0.04	0.00	0.03	200.
205.	-0.22	0.13	-0.09	-0.10	-0.13	0.03	-0.01	205.
210.	-0.42	-0.04	-0.19	-0.10	-0.19	-0.01	-0.33	210.
215.	-0.52	-0.26	-0.25	-0.22	-0.23	-0.05	-0.31	215.
220.	-0.56	-0.43	-0.30	-0.27	-0.26	-0.30	-0.62	220.
225.	-0.60	-0.53	-0.34	-0.30	-0.29	-0.08	-0.04	225.
230.	-0.70	-0.57	-0.36	-0.33	-0.31	-0.09	-0.05	230.
235.	-0.62	-0.60	-0.37	-0.33	-0.32	-0.10	-0.04	235.
240.	-0.60	-0.60	-0.36	-0.32	-0.33	-0.39	-0.27	240.
245.	-0.66	-0.61	-0.35	-0.30	-0.33	-0.09	-0.08	245.
250.	-0.65	-0.61	-0.34	-0.29	-0.33	-0.09	-0.09	250.
255.	-0.63	-0.60	-0.33	-0.29	-0.33	-0.39	-0.10	255.
260.	-0.62	-0.59	-0.32	-0.29	-0.31	-0.39	-0.10	260.
265.	-0.61	-0.50	-0.31	-0.20	-0.30	-0.30	-0.11	265.
270.	-0.61	-0.57	-0.30	-0.26	-0.29	-0.30	-0.15	270.
275.	-0.61	-0.56	-0.29	-0.24	-0.27	-0.07	-0.10	275.
280.	-0.62	-0.56	0.20	-0.25	-0.27	-0.07	-0.10	280.
285.	-0.61	-0.55	-0.28	-0.26	-0.20	-0.00	-0.10	285.
290.	-0.61	-0.57	-0.28	-0.27	-0.20	-0.07	-0.09	290.
295.	-0.62	-0.57	-0.29	-0.26	-0.27	-0.35	-0.11	295.
300.	-0.62	-0.50	-0.20	-0.25	-0.25	-0.03	-0.14	300.
305.	-0.62	-0.50	-0.26	-0.24	-0.23	-0.01	-0.14	305.
310.	-0.62	-0.50	-0.24	-0.23	-0.22	0.09	-0.12	310.
315.	-0.61	-0.55	-0.23	-0.21	-0.21	0.01	-0.10	315.
320.	-0.61	-0.52	-0.22	-0.20	-0.20	0.32	-0.07	320.
325.	-0.79	-0.70	-0.23	-0.25	-0.10	-0.01	-0.01	325.
330.	-0.76	-0.57	-0.26	-0.21	-0.17	0.02	0.03	330.
335.	-0.70	-0.55	-0.31	-0.23	-0.20	-0.02	0.03	335.
340.	-0.93	-0.65	-0.39	-0.28	-0.24	-0.17	-0.06	340.
345.	-0.73	-0.61	-0.47	-0.36	-0.20	-0.09	-0.04	345.
350.	-0.72	-0.79	-0.39	-0.45	-0.42	-0.15	-0.10	350.
355.	-1.02	-1.27	-0.62	-0.54	-0.52	-0.27	-0.17	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-444 CNTR NO. 256 TCN- 50. C.R. = 10.0

DIFFERENTIAL PRESSURES

SPAN STATION 119.7								
AZ		CHORD STATION						
DEG.	0.455	1.040	1.450	2.490	4.520	7.150	10.400	DEG.
0.	-2.04	-1.45	-2.00	-0.64	-0.50	-0.17	-0.03	0.
5.	-2.20	-1.70	-1.65	-0.82	-0.50	-0.25	-0.04	5.
10.	-2.15	-1.73	-1.10	-0.81	-0.59	-0.35	-0.15	10.
15.	-1.91	-1.52	-0.90	-0.72	-0.44	-0.34	-0.19	15.
20.	-1.22	-1.12	-0.71	-0.52	-0.29	-0.20	-0.11	20.
25.	-0.35	-0.01	-0.22	-0.22	-0.00	-0.12	-0.12	25.
30.	-0.13	-0.23	-0.09	-0.09	0.21	-0.09	-0.12	30.
35.	0.11	0.01	0.06	0.02	0.06	-0.39	-0.09	35.
40.	0.44	0.16	0.16	0.08	0.11	-0.38	-0.08	40.
45.	0.83	0.26	0.23	0.13	0.23	-0.04	-0.10	45.
50.	1.12	0.34	0.39	0.18	0.37	-0.79	-0.13	50.
55.	1.23	0.39	0.34	0.21	0.45	-0.79	-0.15	55.
60.	1.22	0.40	0.30	0.20	0.49	-0.10	-0.14	60.
65.	1.14	0.37	0.22	0.15	0.44	-0.11	-0.13	65.
70.	1.00	0.26	0.08	0.09	0.45	-0.15	-0.14	70.
75.	0.83	0.08	-0.06	0.01	0.40	-0.17	-0.15	75.
80.	0.64	-0.03	-0.16	-0.07	0.35	-0.15	-0.13	80.
85.	0.35	-0.02	-0.14	-0.08	0.32	-0.11	-0.11	85.
90.	0.05	0.11	-0.03	0.01	0.34	-0.07	-0.09	90.
95.	1.10	0.40	0.14	0.15	0.43	-0.35	-0.07	95.
100.	1.59	0.77	0.42	0.32	0.54	-0.32	-0.05	100.
105.	1.95	1.15	0.61	0.44	0.62	-0.30	-0.04	105.
110.	2.14	1.30	0.67	0.49	0.64	-0.31	-0.04	110.
115.	2.16	1.37	0.68	0.54	0.58	-0.31	-0.04	115.
120.	1.99	1.25	0.57	0.44	0.44	-0.31	-0.04	120.
125.	1.30	0.82	0.26	0.15	0.35	-0.37	-0.01	125.
130.	0.57	0.32	0.00	0.02	0.26	-0.31	0.00	130.
135.	0.53	0.17	-0.05	-0.01	0.20	-0.02	0.31	135.
140.	0.62	0.24	-0.04	0.02	0.18	-0.02	0.31	140.
145.	0.61	0.32	-0.12	0.07	0.18	0.00	0.02	145.
150.	0.62	0.44	0.13	0.13	0.18	0.05	0.03	150.
155.	0.77	0.56	0.26	0.20	0.20	0.11	0.04	155.
160.	0.99	0.73	0.40	0.30	0.22	0.14	0.08	160.
165.	1.19	0.94	0.53	0.41	0.25	0.20	0.09	165.
170.	1.34	1.10	0.64	0.40	0.29	0.23	0.12	170.
175.	1.44	1.21	0.77	0.55	0.33	0.27	0.14	175.
180.	1.57	1.23	0.84	0.58	0.33	0.29	0.15	180.
185.	1.70	1.15	0.81	0.54	0.39	0.29	0.15	185.
190.	0.80	1.01	0.64	0.47	0.37	0.27	0.14	190.
195.	0.59	0.80	0.51	0.39	0.3	0.23	0.12	195.
200.	0.38	0.54	0.39	0.34	0.03	0.17	0.10	200.
205.	0.16	0.34	0.20	0.21	-0.05	0.10	0.09	205.
210.	-0.29	0.15	0.14	0.12	-0.13	0.07	0.08	210.
215.	-0.31	-0.01	0.09	0.06	-0.17	0.04	0.07	215.
220.	-0.45	-0.11	0.01	-0.00	-0.21	0.05	0.07	220.
225.	-0.55	-0.18	-0.06	-0.05	-0.23	0.04	0.07	225.
230.	-0.64	-0.24	-0.11	-0.10	-0.24	0.02	0.07	230.
235.	-0.77	-0.32	-0.15	-0.12	-0.29	0.01	0.05	235.
240.	-0.88	-0.40	-0.14	-0.10	-0.31	0.01	0.03	240.
245.	-0.96	-0.47	-0.23	-0.18	-0.33	0.00	0.03	245.
250.	-1.01	-0.49	-0.26	-0.20	-0.35	-0.07	0.03	250.
255.	-1.05	-0.50	-0.28	-0.21	-0.35	-0.01	0.03	255.
260.	-1.04	-0.50	-0.29	-0.21	-0.35	-0.01	0.04	260.
265.	-1.22	-0.49	-0.29	-0.22	-0.35	-0.01	0.04	265.
270.	-0.99	-0.48	-0.29	-0.22	-0.35	-0.00	0.04	270.
275.	-0.99	-0.47	-0.29	-0.22	-0.34	0.03	0.05	275.
280.	-1.02	-0.47	-0.28	-0.21	-0.34	0.01	0.04	280.
285.	-1.03	-0.46	-0.25	-0.21	-0.33	0.02	0.04	285.
290.	-1.03	-0.49	-0.25	-0.21	-0.32	0.03	0.04	290.
295.	-1.03	-0.50	-0.24	-0.21	-0.32	0.03	0.04	295.
300.	-1.02	-0.50	-0.24	-0.20	-0.32	0.04	0.05	300.
305.	-1.02	-0.50	-0.25	-0.20	-0.32	0.04	0.05	305.
310.	-1.01	-0.51	-0.26	-0.19	-0.31	0.04	0.04	310.
315.	-1.00	-0.51	-0.26	-0.19	-0.31	0.03	0.04	315.
320.	-0.95	-0.52	-0.24	-0.17	-0.30	0.03	0.05	320.
325.	-0.89	-0.52	-0.22	-0.16	-0.27	0.02	0.05	325.
330.	-0.80	-0.43	-0.18	-0.14	-0.26	0.01	0.03	330.
335.	-0.69	-0.33	-0.10	-0.07	-0.15	0.03	0.02	335.
340.	-0.55	-0.24	-0.03	-0.04	-0.13	0.04	0.04	340.
345.	-0.51	-0.27	-0.06	-0.06	-0.15	0.02	0.01	345.
350.	-0.49	-0.41	-0.17	-0.10	-0.25	-0.02	-0.01	350.
355.	-1.31	-0.92	-0.49	-0.18	-0.38	-0.12	-0.02	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CNTR NO. 256 TCN= 50. C.R.= 10.3

DIFFERENTIAL PRESSURES

SPAN STATION 153.3

AZ	CHORD STATION							AZ
DEC.	9.455	1.340	1.950	2.99C	4.550	7.150	10.400	DEC.
0.	-0.67	-0.61	-0.52	-0.50	-0.29	-0.05	-0.32	3.
5.	-0.17	-0.20	-0.15	-0.31	-0.10	0.07	0.02	5.
10.	-0.03	-0.44	-0.46	-0.45	-0.27	-0.26	-0.01	10.
15.	-1.14	-0.95	-0.76	-1.55	-0.39	-0.21	-0.65	15.
20.	-0.79	-0.71	-0.66	-0.44	-0.29	-0.24	-0.07	20.
25.	-0.17	-0.24	-0.32	-0.21	-0.13	-0.19	-0.54	25.
30.	0.56	0.26	0.12	0.05	0.03	-0.19	0.31	30.
35.	1.24	0.69	0.25	0.31	0.18	-0.03	0.01	35.
40.	1.68	1.02	0.33	0.51	0.32	-0.02	0.00	40.
45.	1.06	1.26	0.50	0.77	0.44	-0.05	0.02	45.
50.	1.94	1.41	0.66	0.92	0.53	0.31	0.03	50.
55.	1.86	1.47	0.74	1.03	0.59	0.33	0.03	55.
60.	1.65	1.43	0.73	1.07	0.61	0.01	0.32	60.
65.	1.28	1.25	0.64	1.06	0.60	-0.04	-0.32	65.
70.	0.86	0.92	0.48	0.98	0.55	-0.12	-0.65	70.
75.	0.30	0.65	0.21	0.91	0.46	-0.17	-0.67	75.
80.	0.26	0.44	-0.06	0.85	0.42	-0.19	-0.68	80.
85.	0.15	0.37	-0.24	0.80	0.26	-0.28	-0.82	85.
90.	0.17	0.44	-0.33	0.84	0.30	-0.32	-0.69	90.
95.	0.29	0.63	-0.23	1.00	0.35	-0.32	-0.68	95.
100.	0.40	0.87	-0.17	1.11	0.10	-0.29	-0.07	100.
105.	-0.12	0.29	-0.35	0.64	0.27	-0.23	-0.67	105.
110.	-0.70	-0.10	-0.67	0.27	0.10	-0.23	-0.00	110.
115.	-0.01	-0.22	-0.83	0.09	0.04	-0.27	-0.10	115.
120.	-0.76	-0.23	-0.90	0.02	-0.01	-0.29	-0.11	120.
125.	-0.91	-0.40	-0.96	-0.04	-0.09	-0.33	-0.13	125.
130.	-1.12	-0.66	-0.99	-0.17	-0.16	-0.30	-0.13	130.
135.	-1.35	-0.86	-0.98	-0.25	-0.21	-0.30	-0.14	135.
140.	-1.49	-0.93	-0.96	-0.28	-0.22	-0.20	-0.14	140.
145.	-1.4	-0.92	-0.85	-0.28	-0.16	-0.22	-0.12	145.
150.	-1.29	-0.85	-0.72	-0.24	-0.12	-0.21	-0.13	150.
155.	-0.95	-0.59	-0.52	-0.16	-0.04	-0.15	-0.08	155.
160.	-0.53	-0.14	-0.29	-0.05	0.05	-0.07	-0.05	160.
165.	-0.11	0.24	-0.05	0.07	0.10	0.02	-0.02	165.
170.	0.20	0.46	0.19	0.17	0.31	0.10	0.01	170.
175.	0.60	0.57	0.41	0.25	0.42	0.15	0.03	175.
180.	0.80	0.50	0.56	0.29	0.42	0.16	0.03	180.
185.	0.91	0.54	0.65	0.31	0.34	0.19	0.02	185.
190.	0.92	0.49	0.68	0.20	0.24	0.19	0.02	190.
195.	0.84	0.46	0.67	0.23	0.15	0.21	0.02	195.
200.	0.71	0.40	0.62	0.14	0.10	0.21	0.03	200.
205.	0.56	0.31	0.54	0.07	0.06	0.19	0.03	205.
210.	0.40	0.19	0.45	-0.02	0.04	0.19	0.04	210.
215.	0.27	0.07	0.41	-0.09	0.01	0.18	0.04	215.
220.	0.17	-0.02	0.37	-0.16	-0.04	0.17	0.04	220.
225.	0.09	-0.11	0.33	-0.21	-0.08	0.17	0.05	225.
230.	0.00	-0.20	0.29	-0.26	-0.12	0.17	0.05	230.
235.	-0.00	-0.28	0.25	-0.30	-0.15	0.17	0.02	235.
240.	-0.15	-0.31	0.21	-0.34	-0.18	0.16	0.05	240.
245.	-0.21	-0.32	0.17	-0.38	-0.21	0.15	0.05	245.
250.	-0.25	-0.33	0.14	-0.41	-0.23	0.14	0.05	250.
255.	-0.29	-0.35	0.11	-0.44	-0.25	0.14	0.05	255.
260.	-0.32	-0.39	0.08	-0.44	-0.28	0.13	0.05	260.
265.	-0.34	-0.43	0.06	-0.40	-0.29	0.13	0.05	265.
270.	-0.36	-0.44	0.05	-0.30	-0.30	0.13	0.05	270.
275.	-0.37	-0.43	0.05	-0.31	-0.29	0.13	0.05	275.
280.	-0.36	-0.41	0.06	-0.30	-0.27	0.14	0.06	280.
285.	-0.34	-0.38	0.07	-0.29	-0.24	0.15	0.07	285.
290.	-0.30	-0.34	0.09	-0.27	-0.22	0.17	0.08	290.
295.	-0.26	-0.30	0.11	-0.23	-0.21	0.19	0.09	295.
300.	-0.19	-0.26	0.15	-0.19	-0.19	0.19	0.09	300.
305.	-0.12	-0.18	0.18	-0.16	-0.16	0.18	0.10	305.
310.	-0.03	-0.08	0.21	-0.14	-0.16	0.18	0.09	310.
315.	0.12	-0.03	0.22	-0.13	-0.16	0.17	0.09	315.
320.	0.18	-0.06	0.23	-0.12	-0.16	0.16	0.14	320.
325.	0.20	-0.10	0.19	-0.12	-0.18	0.14	0.11	325.
330.	0.24	-0.14	0.05	-0.19	-0.23	0.10	0.08	330.
335.	0.39	-0.00	-0.12	-0.31	-0.29	0.03	-0.01	335.
340.	0.44	-0.02	-0.25	-0.33	-0.33	-0.02	0.01	340.
345.	0.41	-0.07	-0.15	-0.32	-0.31	-0.02	-0.00	345.
350.	0.00	-0.28	-0.03	-0.30	-0.25	0.00	-0.01	350.
355.	0.14	-0.49	-0.10	-0.39	-0.24	-0.03	-0.01	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST=494 CNTR NO. 256 TCN= 50. C.R.= 10.0

DIFFERENTIAL PRESSURES

SPAN STATION 170.5								
AZ	CHORD STATION							AZ
DEG.	2.455	1.040	1.950	2.900	4.550	7.150	10.400	DEG.
0.	-3.35	-0.42	-0.10	-0.08	-0.23	-0.13	-0.05	0.
5.	-1.04	-0.00	-0.26	-0.11	-0.29	-0.12	-0.34	5.
10.	-0.00	-0.57	-0.35	-0.07	-0.23	-0.13	-0.05	10.
15.	-0.75	-0.32	-0.31	-0.36	-0.19	-0.15	-0.05	15.
20.	-0.60	-0.24	-0.22	-0.04	-0.10	-0.11	-0.04	20.
25.	0.07	0.02	-0.10	0.00	0.00	-0.00	-0.01	25.
30.	0.04	0.45	0.01	0.20	0.22	0.02	0.01	30.
35.	1.01	0.72	0.10	0.29	0.34	0.07	0.03	35.
40.	1.20	0.92	0.39	0.40	0.52	0.15	0.05	40.
45.	1.27	1.00	0.64	0.55	0.74	0.23	0.10	45.
50.	1.32	1.04	0.07	0.70	0.91	0.28	0.09	50.
55.	1.31	0.00	1.02	1.02	1.02	0.28	0.07	55.
60.	1.15	0.40	1.04	1.20	0.90	0.21	0.04	60.
65.	0.90	0.10	0.70	0.00	1.42	0.11	0.00	65.
70.	0.59	-0.02	0.40	0.50	1.09	-0.56	-0.54	70.
75.	0.27	-0.00	0.40	0.24	1.67	-0.20	-0.00	75.
80.	-0.02	-0.00	0.42	0.14	1.02	-0.40	-0.11	80.
85.	-3.13	-0.56	0.00	2.02	0.54	-3.21	-0.11	85.
90.	-3.54	-1.04	-0.47	-0.00	0.11	-3.65	-0.07	90.
95.	-1.36	-1.50	-0.93	-0.33	-0.33	-0.04	0.01	95.
100.	-1.50	-1.01	-1.15	-0.50	-0.50	-1.05	0.09	100.
105.	-1.53	-1.90	-1.50	-0.57	-0.55	-0.03	0.13	105.
110.	-1.40	-1.97	-0.00	-0.00	-0.49	-0.46	0.12	110.
115.	-1.33	-1.94	-0.00	-0.00	-0.57	-0.57	0.02	115.
120.	-1.34	-2.00	-1.24	-0.73	-1.05	0.20	-0.01	120.
125.	-1.40	-2.30	-1.66	-0.90	-2.76	0.18	-0.02	125.
130.	-1.77	-2.69	-2.00	-1.03	-1.44	0.02	-0.32	130.
135.	-2.22	-3.02	-2.40	-1.11	0.00	-3.10	-0.43	135.
140.	-2.62	-3.27	-2.62	-1.15	-0.21	-0.90	-0.05	140.
145.	-2.69	-3.20	-2.65	-1.10	-0.61	-3.31	-0.63	145.
150.	-2.54	-3.00	-2.33	-1.00	-0.61	-0.33	-0.04	150.
155.	-2.21	-2.55	-1.02	-1.00	-0.52	-0.23	-0.02	155.
160.	-1.76	-1.93	-1.55	-0.04	-0.39	-0.10	-0.50	160.
165.	-1.23	-1.26	-1.15	-0.65	-0.27	-0.09	0.61	165.
170.	-0.65	-0.60	-0.71	-0.47	-0.19	-0.02	0.03	170.
175.	-3.11	-0.10	-0.27	-0.30	-0.02	0.02	0.00	175.
180.	0.31	0.27	0.11	-0.16	0.04	0.12	0.04	180.
185.	0.63	0.57	0.34	-0.02	0.10	0.14	0.04	185.
190.	0.04	0.70	0.43	0.07	0.13	0.15	0.04	190.
195.	0.92	0.90	0.56	0.13	0.12	0.10	0.03	195.
200.	0.90	0.90	0.60	0.16	0.09	0.10	0.01	200.
205.	0.02	0.90	0.61	0.10	0.04	0.10	0.31	205.
210.	0.74	0.94	0.62	0.10	0.02	0.10	0.31	210.
215.	0.69	0.95	0.62	0.17	0.01	0.15	0.02	215.
220.	0.63	0.90	0.62	0.15	-0.00	0.16	0.02	220.
225.	0.57	0.97	0.61	0.15	-0.01	0.16	0.02	225.
230.	0.54	0.97	0.60	0.15	-0.31	0.16	0.02	230.
235.	0.52	0.97	0.61	0.16	0.00	0.10	0.21	235.
240.	0.51	0.90	0.62	0.17	-0.00	0.19	0.31	240.
245.	0.51	0.90	0.63	0.17	-0.33	0.19	0.00	245.
250.	0.51	0.90	0.64	0.10	-0.57	0.19	-0.01	250.
255.	0.52	0.99	0.64	0.17	-0.10	0.10	-0.01	255.
260.	0.53	0.99	0.63	0.17	-0.11	0.10	-0.01	260.
265.	0.53	1.00	0.63	0.17	-0.11	0.10	-0.01	265.
270.	0.54	1.01	0.62	0.17	-0.10	0.10	-0.01	270.
275.	0.55	1.02	0.63	0.19	-0.00	0.10	-0.01	275.
280.	0.57	1.05	0.65	0.21	-0.00	0.19	-0.01	280.
285.	0.60	1.05	0.67	0.23	-0.05	0.20	-0.01	285.
290.	0.64	1.07	0.70	0.26	-0.03	0.21	-0.00	290.
295.	0.70	1.12	0.73	0.29	-0.00	0.22	0.01	295.
300.	0.76	1.17	0.76	0.33	0.00	0.23	0.01	300.
305.	0.81	1.21	0.83	0.36	0.05	0.24	0.02	305.
310.	0.85	1.24	0.82	0.39	0.07	0.24	0.02	310.
315.	0.87	1.25	0.82	0.42	0.10	0.24	0.02	315.
320.	0.88	1.32	0.81	0.44	0.12	0.23	0.02	320.
325.	1.10	1.40	0.79	0.53	0.13	0.22	0.01	325.
330.	1.44	1.49	0.82	0.39	0.12	0.21	0.00	330.
335.	1.43	1.36	0.81	0.32	0.09	0.10	-0.01	335.
340.	0.01	1.02	0.59	0.22	0.01	0.11	-0.03	340.
345.	-0.24	0.31	0.22	0.11	-0.10	0.02	-0.05	345.
350.	-0.59	-0.04	-0.12	0.00	-0.24	-0.07	-0.07	350.
355.	-0.04	-0.20	-0.27	-0.00	-0.22	-0.11	-0.17	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CNTR NO. 250 TCN= 50. C.R.= 10.0

DIFFERENTIAL PRESSURES

SPAN STATION 100.0								
AZ	CHORD STATION							AZ
DEG.	0.455	1.340	1.950	2.990	4.550	7.190	10.420	DEG.
3.	-0.04	-0.45	-0.60	-0.09	0.02	0.25	-0.03	3.
5.	-0.04	-0.39	-0.54	-0.06	0.02	0.10	0.01	5.
13.	-0.09	-0.41	-0.51	-0.11	0.02	0.07	-0.01	13.
15.	-0.52	-0.44	-0.47	-0.14	0.04	0.23	-0.01	15.
23.	-0.36	-0.72	-0.43	-0.05	0.10	0.30	0.21	23.
25.	0.26	0.18	-0.13	0.16	0.17	0.16	0.09	25.
30.	0.04	0.49	0.15	0.23	0.31	0.16	0.04	30.
35.	1.19	0.74	0.41	0.33	0.50	0.20	0.08	35.
45.	1.34	0.91	0.87	0.39	0.04	0.25	0.06	45.
45.	1.52	1.01	1.44	0.64	1.12	0.29	0.00	45.
50.	1.60	1.03	1.03	1.19	1.24	0.33	0.09	50.
55.	1.34	0.77	1.78	1.57	1.02	0.25	0.01	55.
65.	1.30	0.03	1.55	0.95	2.26	0.13	-0.02	65.
65.	1.39	0.63	1.34	0.29	2.19	-0.17	-0.09	65.
75.	0.75	0.40	1.19	-0.11	1.39	-0.28	-0.18	75.
75.	0.39	0.12	1.13	-0.10	0.73	-0.27	-0.23	75.
80.	-0.01	-0.19	1.12	-0.21	0.55	-0.34	-0.21	80.
85.	-0.62	-0.62	0.75	-0.62	0.09	-0.65	-0.03	85.
90.	-1.45	-1.44	0.17	-0.01	-0.04	-0.04	0.04	90.
95.	-1.03	-1.04	-0.16	-1.03	-0.91	-0.55	0.04	95.
105.	-1.01	-2.13	-0.29	-1.09	-0.05	-1.47	-0.01	105.
105.	-1.70	-2.08	-0.37	-1.03	-0.00	-0.09	-0.01	105.
110.	-1.64	-1.96	-0.45	-1.01	-0.72	-0.59	0.18	110.
115.	-1.63	-1.95	-0.62	-1.52	-0.96	-0.76	0.23	115.
120.	-1.72	-1.90	-0.75	-1.00	-0.09	-0.72	0.24	120.
125.	-1.04	-2.05	-0.05	-1.15	-0.67	-0.32	0.16	125.
130.	-1.97	-2.17	-1.00	-1.30	-2.56	0.30	0.00	130.
135.	-2.31	-2.30	-1.57	-2.65	-2.33	0.35	0.05	135.
140.	-2.78	-2.76	-2.20	-3.20	-0.67	0.97	-0.07	140.
145.	-3.18	-3.02	-2.78	-2.02	-0.16	-0.18	-0.09	145.
150.	-3.17	-2.00	-2.04	-1.30	-0.39	-0.21	-0.09	150.
155.	-2.94	-2.36	-2.22	-1.11	-0.47	-0.13	-0.00	155.
165.	-2.50	-1.66	-1.62	-0.00	-0.40	-0.25	-0.06	165.
165.	-1.91	-1.18	-1.19	-0.65	-0.30	0.34	-0.05	165.
170.	-1.26	-0.99	-0.04	-0.39	-0.10	0.12	-0.03	170.
175.	-0.62	-0.13	-0.55	-0.14	-0.00	0.10	-0.01	175.
185.	-0.05	0.28	-0.13	0.09	0.55	0.24	-0.01	185.
185.	0.40	0.50	0.10	0.27	0.11	0.27	-0.01	185.
190.	0.69	0.73	0.21	0.39	0.12	0.20	-0.01	190.
195.	0.77	0.00	0.24	0.42	0.09	0.29	-0.03	195.
200.	0.76	0.04	0.25	0.40	0.04	0.20	-0.04	200.
205.	0.75	0.02	0.23	0.41	-0.03	0.28	-0.05	205.
210.	0.71	0.01	0.27	0.42	-0.00	0.20	-0.05	210.
215.	0.66	0.70	0.10	0.44	-0.10	0.20	-0.02	215.
220.	0.63	0.76	0.10	0.44	-0.11	0.20	-0.02	220.
225.	0.62	0.75	0.18	0.47	-0.10	0.29	-0.01	225.
230.	0.64	0.70	0.19	0.49	-0.08	0.30	-0.01	230.
235.	0.69	0.82	0.20	0.51	-0.27	0.31	-0.01	235.
240.	0.73	0.86	0.21	0.54	-0.37	0.32	-0.00	240.
245.	0.76	0.90	0.23	0.56	-0.37	0.32	-0.00	245.
250.	0.77	0.92	0.24	0.57	-0.70	0.32	-0.01	250.
255.	0.76	0.92	0.25	0.50	-0.00	0.32	-0.01	255.
260.	0.76	0.90	0.24	0.50	-0.00	0.31	-0.02	260.
265.	0.76	0.89	0.28	0.52	-0.00	0.31	-0.02	265.
270.	0.77	0.90	0.29	0.50	-0.07	0.31	-0.01	270.
275.	0.79	0.92	0.30	0.50	-0.37	0.31	-0.01	275.
280.	0.82	0.95	0.32	0.59	-0.06	0.32	-0.01	280.
285.	0.86	0.90	0.34	0.60	-0.05	0.34	-0.00	285.
290.	0.92	1.03	0.36	0.61	-0.03	0.35	0.01	290.
295.	0.99	1.09	0.39	0.62	-0.22	0.36	0.02	295.
300.	1.07	1.17	0.41	0.60	0.00	0.37	0.03	300.
305.	1.14	1.23	0.44	0.72	0.03	0.39	0.03	305.
310.	1.21	1.26	0.50	0.75	0.06	0.30	0.03	310.
315.	1.29	1.23	0.53	0.77	0.10	0.30	0.03	315.
320.	1.39	1.19	0.54	0.79	0.13	0.30	0.04	320.
325.	1.43	1.18	0.50	0.80	0.13	0.30	0.04	325.
330.	1.36	1.15	0.57	0.79	0.15	0.37	0.05	330.
335.	1.35	1.11	0.53	0.72	0.15	0.36	0.04	335.
340.	1.20	0.93	0.44	0.56	0.14	0.32	0.02	340.
345.	0.44	0.34	0.03	0.30	0.09	0.24	-0.01	345.
350.	-0.47	-0.28	-0.45	0.04	0.04	0.13	-0.04	350.
355.	-0.91	-0.50	-0.65	-0.11	0.01	0.05	-0.05	355.

DIFFERENTIAL PRESSURE -- DYNAMIC COMPONENTS

TEST-494 CNTR NO. 256 TCN= 50. C.R.= 10.3

DIFFERENTIAL PRESSURES

SPAN STATION 190.5

AZ	CHORD STATION						AZ
DEG.	0.495	1.340	1.950	2.990	4.590	7.150	10.400 DEG.
0.	-1.30	-0.57	-0.75	-0.23	-0.10	-0.11	-0.05 0.
5.	1.32	-0.06	-0.23	-0.02	-0.06	-0.07	-0.04 5.
10.	-0.42	-0.42	-0.50	-0.20	-0.06	-0.11	-0.03 10.
15.	-0.05	-0.42	-0.04	-0.22	-0.09	-0.17	-0.03 15.
20.	-0.54	-0.25	-0.51	-0.10	-0.06	-0.17	-0.03 20.
25.	2.22	0.03	-0.30	-0.15	0.20	-0.12	-0.01 25.
30.	0.04	0.37	-0.10	-1.00	0.10	-0.13	0.33 30.
35.	1.27	0.50	0.17	-0.01	0.34	-0.00	0.37 35.
40.	1.44	0.70	0.01	-0.36	0.54	-0.07	0.05 40.
45.	1.04	0.70	1.40	2.11	0.74	-0.13	0.02 45.
50.	1.7	0.95	1.42	2.44	1.26	-0.23	-0.01 50.
55.	1.01	1.00	1.22	2.22	1.93	-0.35	-0.05 55.
60.	1.04	1.07	1.11	1.17	1.56	-0.41	-0.12 60.
65.	1.10	0.04	1.04	0.46	1.16	-0.04	-0.25 65.
70.	1.10	0.45	1.06	0.26	0.01	0.55	-0.29 70.
75.	0.67	0.17	0.96	-0.96	0.45	-0.07	-0.31 75.
80.	-0.07	-0.47	0.57	-0.43	0.08	-2.15	-0.35 80.
85.	-0.04	-1.31	-2.09	-0.02	-0.32	-1.62	-0.60 85.
90.	-1.43	-1.60	-0.61	-1.11	-0.50	-0.04	-0.52 90.
95.	-1.70	-1.70	-0.45	-1.09	-0.70	-0.56	-0.63 95.
100.	-1.01	-1.04	-0.47	-0.96	-0.74	0.15	-0.30 100.
105.	-1.47	-1.57	-0.45	-0.00	-0.76	0.71	-0.19 105.
110.	-1.41	-1.52	-0.44	-0.71	-0.70	0.99	0.00 110.
115.	-1.37	-1.51	-0.48	-0.71	-0.05	0.00	0.20 115.
120.	-1.39	-1.52	-0.55	-0.76	-0.07	-0.95	0.36 120.
125.	-1.40	-1.56	-0.63	-0.88	-1.15	-0.75	0.27 125.
130.	-1.66	-1.60	-0.53	-1.19	-1.37	-0.12	0.19 130.
135.	-1.97	-1.93	-0.77	-1.97	-3.14	0.21	0.12 135.
140.	-2.32	-2.24	-1.01	-2.99	-2.37	-0.07	0.07 140.
145.	-2.79	-2.51	-2.13	-2.00	-0.50	-0.75	0.52 145.
150.	-2.01	-2.44	-2.44	-2.04	-0.53	-0.51	0.71 150.
155.	-2.74	-2.62	-2.31	-1.05	-0.44	-0.41	0.03 155.
160.	-2.52	-2.32	-1.92	-3.00	-0.62	-0.31	0.05 160.
165.	-2.15	-1.41	-1.39	-0.30	-0.27	-0.23	0.06 165.
170.	-1.10	-0.07	-0.95	-0.37	-0.11	-0.10	0.07 170.
175.	-0.54	-0.37	-0.00	-0.07	0.00	-0.00	0.27 175.
180.	-0.11	0.14	-0.29	0.15	0.13	0.03	0.00 180.
185.	0.33	0.39	0.01	0.31	0.16	0.06	0.09 185.
190.	0.57	0.52	0.10	0.41	0.17	0.11	0.00 190.
195.	0.64	0.62	0.23	0.44	0.17	0.12	0.06 195.
200.	0.62	0.67	0.10	0.44	0.17	0.13	0.25 200.
205.	0.55	0.60	0.7	0.44	0.10	0.13	0.25 205.
210.	0.40	0.67	0.27	0.47	0.13	0.16	0.05 210.
215.	0.45	0.64	0.25	0.51	0.15	0.17	0.06 215.
220.	0.62	0.63	0.23	0.54	0.16	0.19	0.06 220.
225.	0.40	0.64	0.24	0.55	0.15	0.23	0.07 225.
230.	0.39	0.66	0.25	0.56	0.16	0.25	0.07 230.
235.	0.39	0.60	0.20	0.56	0.1	0.20	0.07 235.
240.	0.34	0.70	0.27	0.56	0.10	0.30	0.00 240.
245.	0.41	0.73	0.30	0.57	0.19	0.31	0.07 245.
250.	0.43	0.77	0.32	0.50	0.19	0.31	0.07 250.
255.	0.44	0.00	0.35	0.54	0.19	0.31	0.00 255.
260.	0.49	0.04	0.37	0.60	0.19	0.31	0.00 260.
265.	0.52	0.07	0.42	0.61	0.19	0.32	0.00 265.
270.	0.52	0.09	0.41	0.61	0.19	0.32	0.07 270.
275.	0.52	0.01	0.43	0.62	0.20	0.33	0.00 275.
280.	0.54	0.02	0.44	0.63	0.20	0.33	0.00 280.
285.	0.50	0.04	0.46	0.65	0.21	0.33	0.00 285.
290.	0.60	0.07	0.50	0.60	0.22	0.33	0.00 290.
295.	0.62	1.01	0.54	0.72	0.24	0.33	0.00 295.
300.	0.60	1.05	0.50	0.75	0.24	0.33	0.00 300.
305.	1.10	1.10	0.62	0.70	0.27	0.34	0.00 305.
310.	1.22	1.16	0.66	0.79	0.29	0.34	0.00 310.
315.	1.32	1.20	0.60	0.79	0.30	0.34	0.00 315.
320.	1.30	1.32	0.60	0.70	0.31	0.33	0.05 320.
325.	1.51	1.33	0.60	0.77	0.33	0.32	0.05 325.
330.	1.30	1.20	0.62	0.74	0.33	0.30	0.04 330.
335.	1.24	1.16	0.60	0.60	0.35	0.31	0.02 335.
340.	1.00	1.00	0.53	0.59	0.31	0.32	0.01 340.
345.	0.49	0.67	0.27	0.43	0.13	0.25	-0.01 345.
350.	-0.30	-0.06	-0.25	0.00	-0.05	0.02	-0.03 350.
355.	-1.43	-0.70	-0.79	-2.27	-0.13	-0.09	-0.05 355.

APPENDIX VI

DIFFERENTIAL PRESSURE - STATIC COMPONENTS

This appendix contains the static components of the differential pressure (in psi) for the 46 instrumented span and chord stations of the blade. Tabulated are data for the 20 selected test conditions.

The corresponding dynamic components are presented in Appendix V.

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

TEST=50.1 CNTR NO. 538 TCN=01 C.R. = 53.1							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.441		0.276		0.135		0.009
79.8	1.006	0.756	0.545	0.358	0.225	0.174	0.058
119.7	1.667	1.270	0.878	0.651	0.441	0.225	0.126
153.3	2.621	2.069	1.241	0.828	0.567	0.414	0.150
178.5	2.921	2.323	1.656	1.059	0.891	0.523	0.122
189.0	3.685	2.905	2.091	1.369	0.858	0.575	0.191
199.5	6.975	4.208	2.730	2.006	1.193	0.635	0.177

TEST=498 CNTR NO. 363 TCN=04 C.R. = 37.0							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.649		0.348		0.199		-0.027
79.8	1.298	0.976	0.686	0.417	0.313	0.188	0.091
119.7	2.375	1.847	1.319	0.967	0.621	0.345	0.147
153.3	3.999	2.511	2.064	1.335	0.882	0.596	0.219
178.5	4.610	2.693	2.367	1.794	1.262	0.793	0.193
189.0	6.319	4.508	2.967	2.057	1.536	0.772	0.264
199.5	7.990	4.795	3.198	2.450	1.423	0.726	0.235

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

TEST=502 CNTR NO. 354 TCN=05 C.R. = 50.1							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.990	7.150	10.400
92.5	0.347		0.179		0.188		0.190
79.8	0.977	0.625	0.381	0.224	0.367	0.121	0.129
119.7	1.950	1.165	0.816	0.621	0.530	0.176	0.033
153.3	2.559	2.051	1.221	1.083	0.738	0.290	0.110
178.5	3.307	1.983	1.261	1.158	0.727	0.477	0.021
189.0	3.489	2.410	1.461	1.074	1.256	0.364	0.165
199.5	3.560	2.468	1.642	1.170	0.815	0.236	0.043
TEST=502 CNTR NO. 306 TCN=08 C.R. = 48.1							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.990	7.150	10.400
92.5	0.159		0.095		0.124		0.046
79.8	0.725	0.403	0.293	0.237	0.273	0.086	0.070
119.7	1.877	1.201	0.813	0.593	0.526	0.165	0.051
153.3	3.225	2.360	1.411	1.303	0.804	0.350	0.132
178.5	3.883	2.427	1.630	1.303	0.915	0.575	-0.123
189.0	4.199	2.983	2.060	1.300	1.344	0.441	0.177
199.5	4.503	3.115	2.177	1.574	1.013	0.318	0.087

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

TEST=504 CNTR NO. 269 TCN=11 C.R. = 62.0							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.423		0.288		0.285		0.121
79.8	1.206	0.774	0.570	0.490	0.410	0.150	0.463
119.7	2.350	1.739	1.106	0.821	0.733	0.248	0.088
159.3	3.669	2.742	1.866	1.613	1.012	0.479	0.236
178.5	4.267	2.925	1.925	1.556	1.039	0.651	-0.162
189.0	4.602	3.256	2.395	1.549	1.504	0.472	0.211
199.5	4.471	3.390	2.316	1.693	1.151	0.390	0.103

TEST=505 CNTR NO. 354 TCN=16 C.R. = 66.0							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.741		0.434		0.246		-0.181
79.8	1.589	1.072	0.891	0.591	0.301	0.166	0.140
119.7	1.999	1.672	1.059	0.843	0.651	0.311	0.116
159.3	2.681	1.866	1.166	1.059	0.322	0.398	0.192
178.5	2.394	1.598	1.192	0.788	0.594	0.368	-0.425
189.0	2.296	1.814	1.248	0.767	0.342	0.234	0.058
199.5	2.188	1.424	0.964	0.748	0.341	0.239	-0.064

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

TEST=503 CNTR NO. 351 TCN=19 CoR. = 60.0							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.420		0.216		0.116		-0.042
79.8	0.950	0.608	0.532	0.357	0.159	0.136	0.057
119.7	1.529	1.155	0.838	0.613	0.421	0.213	0.085
153.3	2.670	1.980	1.212	0.883	0.510	0.414	0.146
178.5	3.001	2.526	1.653	1.028	0.885	0.565	0.085
189.0	4.686	3.299	2.475	1.526	1.016	0.618	0.230
199.5	7.216	4.253	2.747	1.987	1.093	0.596	0.129

TEST=498 CNTR NO. 494 TCN=21 CoR. = 36.0							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.674		0.402		0.201		-0.097
79.8	1.239	0.908	0.810	0.616	0.237	0.221	0.147
119.7	1.787	1.601	1.096	0.771	0.525	0.270	0.145
153.3	2.599	1.523	1.324	0.846	0.654	0.393	0.170
178.5	2.390	1.471	1.229	0.978	0.698	0.449	0.226
189.0	2.912	2.081	1.379	0.747	0.949	0.364	0.134
199.5	2.819	1.892	1.170	0.931	0.591	0.248	0.085

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

TEST=501		CNTR NO. 346		TCN=23		C.R. = 42.0	
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.258		0.138		0.119		0.098
79.8	0.850	0.551	0.349	0.292	0.316	0.108	0.151
119.7	1.554	0.988	0.591	0.446	0.425	0.079	0.023
159.3	1.535	1.223	0.483	0.678	0.462	0.098	0.023
178.5	1.290	0.687	0.262	0.314	0.143	0.166	-0.205
189.0	1.180	0.608	0.429	0.224	0.531	0.059	0.026
199.5	0.984	0.589	0.363	0.256	0.184	-0.100	-0.031

TEST=494		CNTR NO. 184		TCN=25		C.R. = 22.1	
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.415		0.225		0.129		0.053
79.8	0.747	0.510	0.334	0.262	0.278	0.087	0.057
119.7	1.168	0.628	0.352	0.236	0.356	0.032	-0.032
159.3	0.855	0.773	0.173	0.568	0.318	-0.045	-0.031
178.5	0.405	-0.119	-0.144	0.094	0.271	0.002	0.008
189.0	0.326	-0.023	0.091	-0.166	0.294	-0.002	0.029
199.5	0.635	0.013	0.132	-0.109	0.049	-0.084	0.037

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

TEST=494 CNTR NO. 264 TCN=26 C.R. = 11.0							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
92.5	0.345		0.104		0.067		0.013
79.8	0.673	0.441	0.152	0.121	0.235	0.024	-0.022
119.7	0.762	0.208	0.056	0.032	0.097	0.040	-0.005
159.3	0.216	0.202	-0.213	0.331	0.142	-0.162	-0.103
178.5	-0.303	-0.719	-0.497	-0.161	0.005	-0.176	0.284
189.0	-0.376	-0.657	-0.175	-0.494	0.124	-0.291	0.013
199.5	0.025	-0.314	-0.364	-0.472	-0.093	-0.273	-0.055

TEST=500 CNTR NO. 458 TCN=27 C.R. = 39.0							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
92.5	0.232		-0.007		0.080		-0.060
79.8	0.584	0.305	0.048	-0.047	0.207	-0.026	-0.035
119.7	0.708	-0.051	-0.106	-0.054	0.152	-0.112	-0.139
159.3	0.032	-0.015	0.510	-0.548	-0.050	-0.231	-0.116
178.5	-0.020	-0.879	-0.589	-0.372	-0.424	-0.224	0.271
189.0	-0.464	-0.570	-0.919	-0.668	-0.110	-0.193	-0.075
199.5	-0.473	-0.604	-0.074	-0.535	-0.227	-0.294	-0.199

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

	TEST=500		CNTR NO. 570		TCN=31		C.R. = 40.0	
SPAN	CHORD STATION							
STA.	0.455	1.040	1.950	2.990	4.950	7.150	10.400	
52.5	0.295		0.077		0.056		-0.046	
79.8	0.627	0.358	0.140	0.125	0.191	0.014	0.002	
119.7	0.777	0.150	0.040	0.048	0.205	-0.065	-0.064	
153.3	0.169	0.101	-0.437	0.162	0.112	-0.172	-0.045	
178.5	0.032	-0.714	-0.576	-0.165	-0.388	-0.077	0.214	
189.0	-0.250	-0.554	-0.363	-0.403	-0.076	-0.052	-0.040	
199.5	-0.241	-0.375	0.056	-0.445	-0.183	-0.123	-0.077	

	TEST=498		CNTR NO. 250		TCN=33		C.R. = 32.0	
SPAN	CHORD STATION							
STA.	0.455	1.040	1.950	2.990	4.950	7.150	10.400	
52.5	0.316		0.197		0.193		0.004	
79.8	0.762	0.437	0.259	0.163	0.221	0.061	0.033	
119.7	1.166	0.686	0.394	0.309	0.312	0.063	-0.011	
153.3	1.051	0.887	0.195	0.610	0.323	0.034	-0.028	
178.5	1.558	0.623	0.206	0.311	0.170	0.114	0.041	
189.0	0.932	0.474	0.443	0.151	0.321	0.084	0.033	
199.5	1.056	0.641	0.596	0.246	0.233	0.045	0.008	

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

TEST=502 CNTR NO. 175 TCN=36 C.R. = 44.1							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.348		0.172		0.167		-0.372
79.8	1.010	0.654	0.619	3.537	0.214	0.149	0.086
119.7	1.835	1.226	0.837	0.564	0.450	0.117	3.042
159.3	1.944	1.465	0.601	0.735	0.496	0.118	0.335
178.5	1.754	0.772	0.532	0.358	0.262	0.208	-0.200
189.0	1.669	0.918	0.628	0.140	0.616	0.061	0.341
199.5	1.574	1.067	0.698	0.454	0.346	-0.383	-0.106

TEST=502 CNTR NO. 188 TCN=37 C.R. = 45.1							
SPAN	CHORD STATION						
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400
52.5	0.486		0.264		0.213		-0.052
79.8	1.228	0.808	0.738	0.623	0.286	0.168	0.104
119.7	2.209	1.488	1.019	0.702	0.552	0.168	0.264
159.3	2.618	1.938	0.946	0.988	0.665	0.220	0.077
178.5	2.425	1.278	0.904	0.622	0.463	0.316	-0.174
189.0	2.358	1.535	1.155	0.464	0.819	0.152	0.078
199.5	2.277	1.643	1.152	0.801	0.514	0.020	-0.376

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

TEST=494 CNTR NO. 226 TCN=39 C.R. = 08.0								
SPAN	CHORD STATION							
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	
52.5	0.371		0.104		0.066		-2.012	
79.8	0.803	0.566	0.285	0.282	0.273	0.076	2.030	
119.7	2.903	0.436	0.227	0.124	0.198	-0.006	-0.050	
153.3	0.506	0.414	-0.052	0.415	0.285	-0.122	-0.060	
178.5	-0.142	-0.595	-0.216	0.008	0.175	-0.079	2.274	
189.0	0.111	-0.458	0.054	-0.264	0.283	-0.199	0.033	
199.5	0.302	-0.219	0.149	-0.242	0.011	-0.118	0.033	

TEST=497 CNTR NO. 256 TCN=40 C.R. = 25.0								
SPAN	CHORD STATION							
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	
52.5	0.282		0.052		0.657		-0.376	
79.8	0.865	0.500	0.221	0.143	0.227	0.031	-0.024	
119.7	0.913	0.224	0.104	0.117	0.216	-0.023	-0.095	
153.3	0.491	0.373	-0.204	0.297	0.0	-0.109	-0.093	
178.5	0.524	0.467	-0.251	-0.054	-0.167	-0.070	2.329	
189.0	0.070	-0.321	-0.098	-0.326	0.017	-0.254	0.030	
199.5	0.067	-0.130	0.242	-0.305	-0.124	-0.157	-0.091	

DIFFERENTIAL PRESSURE -- STATIC COMPONENTS

	TEST=503		CNTR NO. 163		TCN=46		C.R. = 56.0	
SPAN	CHORD STATION							
STA.	0.455	1.040	1.950	2.990	4.530	7.150	10.400	
52.5	0.326		0.165		0.173		-0.048	
79.8	0.960	0.560	0.455	0.406	0.201	0.097	0.063	
119.7	1.376	0.832	0.482	0.310	0.343	0.029	-0.014	
153.3	1.295	0.905	0.343	0.597	0.322	0.022	0.002	
178.5	1.149	0.293	0.199	0.256	0.127	0.093	-0.047	
189.0	0.922	0.475	0.398	-0.025	0.349	-0.028	0.027	
199.5	0.878	0.526	0.582	0.198	0.220	-0.099	-0.142	

	TEST=494		CNTR NO. 256		TCN=50		C.R. = 19.0	
SPAN	CHORD STATION							
STA.	0.455	1.040	1.950	2.990	4.550	7.150	10.400	
52.5	<u>0.546</u>		<u>0.237</u>		<u>0.141</u>		<u>0.033</u>	
79.8	0.930	0.645	0.287	0.193	0.205	0.040	-0.008	
119.7	<u>1.132</u>	<u>0.536</u>	<u>0.277</u>	<u>0.225</u>	<u>0.203</u>	<u>0.004</u>	<u>0.014</u>	
159.3	0.741	0.593	0.159	0.583	0.298	-0.116	-0.067	
178.5	<u>0.267</u>	<u>-0.316</u>	<u>-0.199</u>	<u>0.074</u>	<u>0.181</u>	<u>-0.116</u>	<u>0.294</u>	
189.0	0.094	-0.742	0.081	-0.264	0.271	-0.222	0.033	
199.5	<u>0.568</u>	<u>-0.002</u>	<u>0.155</u>	<u>-0.289</u>	<u>0.093</u>	<u>-0.140</u>	<u>-0.068</u>	

APPENDIX VII

BLADE LOADS - DYNAMIC AND STATIC COMPONENTS

The dynamic and static components of the integrated blade loads (in pounds per inch) are presented in this appendix for the seven instrumented span stations. These data are the result of the integration of the differential pressure along the chord. The dynamic components of the airload distribution are listed in the upper portion of the tables for 72 azimuth positions, while the static components are shown on the bottom line. Blade loads are presented for all 49 test conditions, including those to be partially analyzed.

BLADE LOADS

TEST 502	CNTR NO. 530				T.C.N. 01	C.R. 53.1		
SPAN STATION								
DEG	52.5	79.8	119.7	159.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	0.26	0.55	1.30	2.10	2.43	2.31	-3.55	0.0
5.00	0.10	0.48	1.10	1.93	2.34	1.90	-3.62	5.00
10.00	0.02	0.41	1.07	1.74	2.26	1.84	-3.51	10.00
15.00	0.02	0.37	1.00	1.63	2.16	1.79	-3.46	15.00
20.00	-0.03	0.36	0.95	1.48	2.02	1.65	-3.42	20.00
25.00	-0.14	0.35	0.90	1.39	1.83	1.46	-3.74	25.00
30.00	-0.26	0.32	0.83	1.29	1.60	1.31	-3.79	30.00
35.00	-0.36	0.29	0.76	1.12	1.38	1.17	-3.89	35.00
40.00	-0.37	0.24	0.70	0.97	1.20	0.99	-4.08	40.00
45.00	-0.35	0.19	0.65	0.80	1.05	0.79	-4.25	45.00
50.00	-0.40	0.13	0.60	0.66	0.94	0.66	-4.17	50.00
55.00	-0.45	0.10	0.53	0.53	0.85	0.58	-3.93	55.00
60.00	-0.47	0.08	0.43	0.40	0.78	0.52	-3.63	60.00
65.00	-0.29	0.06	0.32	0.30	0.69	0.42	-3.30	65.00
70.00	-0.14	0.03	0.22	0.45	0.55	0.27	-3.34	70.00
75.00	-0.05	0.02	0.14	0.30	0.38	0.10	-3.23	75.00
80.00	-0.03	0.00	0.08	0.13	0.20	-0.05	-3.02	80.00
85.00	-0.06	-0.05	0.02	-0.07	0.01	-0.21	-2.78	85.00
90.00	-0.09	-0.12	-0.04	-0.26	-0.18	-0.39	-2.53	90.00
95.00	-0.10	-0.20	-0.12	-0.41	-0.39	-0.56	-2.28	95.00
100.00	-0.14	-0.27	-0.21	-0.54	-0.59	-0.76	-1.91	100.00
105.00	-0.20	-0.31	-0.30	-0.69	-0.78	-0.96	-1.45	105.00
110.00	-0.24	-0.34	-0.44	-0.85	-0.97	-1.10	-1.02	110.00
115.00	-0.23	-0.36	-0.57	-1.03	-1.16	-1.41	-0.67	115.00
120.00	-0.21	-0.44	-0.69	-1.18	-1.36	-1.63	-0.47	120.00
125.00	-0.20	-0.44	-0.76	-1.32	-1.53	-1.84	-0.32	125.00
130.00	-0.22	-0.45	-0.86	-1.41	-1.67	-2.00	-0.08	130.00
135.00	-0.19	-0.44	-0.89	-1.47	-1.79	-2.11	0.28	135.00
140.00	-0.18	-0.41	-0.90	-1.49	-1.88	-2.17	0.63	140.00
145.00	-0.15	-0.38	-0.89	-1.44	-1.97	-2.10	0.92	145.00
150.00	-0.12	-0.33	-0.98	-1.40	-2.02	-2.09	1.33	150.00
155.00	-0.04	-0.24	-0.84	-1.39	-2.06	-1.96	1.45	155.00
160.00	0.05	-0.11	-0.79	-1.41	-2.04	-1.87	1.35	160.00
165.00	0.16	0.03	-0.72	-1.35	-2.02	-1.93	1.61	165.00
170.00	0.26	0.13	-0.65	-1.21	-1.91	-1.91	2.46	170.00
175.00	0.31	0.19	-0.58	-1.00	-1.75	-1.71	3.50	175.00
180.00	0.32	0.22	-0.53	-0.79	-1.60	-1.33	4.24	180.00
185.00	0.29	0.17	-0.51	-0.68	-1.49	-0.95	4.66	185.00
190.00	0.26	0.12	-0.53	-0.75	-1.42	-0.68	4.81	190.00
195.00	0.24	-0.05	-0.60	-0.92	-1.36	-0.56	4.77	195.00
200.00	0.18	-0.19	-0.68	-1.04	-1.31	-0.53	4.68	200.00
205.00	0.10	-0.34	-0.76	-1.12	-1.30	-0.51	4.65	205.00
210.00	-0.00	-0.43	-0.82	-1.20	-1.29	-0.58	4.49	210.00
215.00	-0.07	-0.47	-0.87	-1.24	-1.29	-0.67	4.16	215.00
220.00	-0.10	-0.47	-0.91	-1.19	-1.25	-0.66	4.08	220.00
225.00	-0.11	-0.48	-0.92	-1.09	-1.19	-0.59	3.71	225.00
230.00	-0.09	-0.44	-0.89	-0.95	-1.12	-0.53	3.55	230.00
235.00	-0.05	-0.49	-0.83	-0.83	-1.03	-0.51	3.87	235.00
240.00	-0.03	-0.47	-0.75	-0.73	-0.93	-0.41	4.04	240.00
245.00	-0.03	-0.42	-0.67	-0.66	-0.81	-0.23	3.94	245.00
250.00	-0.02	-0.37	-0.59	-0.58	-0.67	-0.04	3.94	250.00
255.00	0.02	-0.29	-0.50	-0.49	-0.53	0.07	4.05	255.00
260.00	0.07	-0.19	-0.40	-0.37	-0.39	0.14	4.09	260.00
265.00	0.11	-0.08	-0.28	-0.25	-0.25	0.18	4.21	265.00
270.00	0.13	0.02	-0.15	-0.16	-0.12	0.21	4.24	270.00
275.00	0.13	0.04	-0.03	-0.09	0.01	0.20	4.22	275.00
280.00	0.13	0.12	0.07	-0.01	0.14	0.13	4.47	280.00
285.00	0.12	0.14	0.17	0.07	0.31	0.12	4.59	285.00
290.00	0.01	0.18	0.24	0.18	0.47	0.27	3.22	290.00
295.00	-0.05	0.21	0.33	0.28	0.60	0.81	0.91	295.00
300.00	0.17	0.23	0.42	0.40	0.69	0.83	-1.50	300.00
305.00	0.06	0.24	0.51	0.52	0.80	0.60	-2.01	305.00
310.00	0.05	0.26	0.61	0.65	1.02	0.82	-2.19	310.00
315.00	0.05	0.33	0.69	0.84	1.33	1.04	-2.61	315.00
320.00	0.08	0.32	0.76	1.08	1.64	1.25	-3.43	320.00
325.00	0.14	0.33	0.84	1.31	1.92	1.46	-3.43	325.00
330.00	0.23	0.34	0.92	1.51	2.00	1.92	-3.14	330.00
335.00	0.34	0.37	1.00	1.67	2.19	2.13	-3.04	335.00
340.00	0.44	0.42	1.08	1.86	2.27	2.05	-3.25	340.00
345.00	0.49	0.51	1.18	2.04	2.37	1.98	-3.48	345.00
350.00	0.47	0.61	1.32	2.15	2.46	2.04	-3.47	350.00
355.00	0.34	0.62	1.38	2.17	2.48	2.08	-3.45	355.00
STATIC COMPONENTS								
	1.58	3.52	5.79	8.48	10.44	12.51	17.98	

TEXT NOT REPRODUCIBLE

BLADE LOADS

TEST 497		CNTR NO. 596		T.C.N. 02		C.R. 31		
SPAN STATION								
DEG	52.5	79.8	119.7	155.3	178.5	189.0	194.5	
DYNAMIC COMPONENTS								
0.0	0.44	C.33	1.42	2.14	1.92	0.71	-2.34	0.0
5.00	0.41	C.33	1.41	2.09	1.79	0.64	-2.31	5.00
10.00	0.37	C.33	1.37	1.97	1.64	0.57	-2.27	10.00
15.00	0.34	C.33	1.34	1.85	1.49	0.50	-2.24	15.00
20.00	0.31	C.33	1.31	1.73	1.34	0.43	-2.21	20.00
25.00	0.28	C.33	1.28	1.61	1.19	0.36	-2.17	25.00
30.00	0.25	C.33	1.25	1.49	1.04	0.29	-2.14	30.00
35.00	0.22	C.33	1.22	1.37	0.89	0.22	-2.11	35.00
40.00	0.19	C.33	1.19	1.25	0.74	0.15	-2.07	40.00
45.00	0.16	C.33	1.16	1.13	0.59	0.08	-2.04	45.00
50.00	0.13	C.33	1.13	1.01	0.44	0.01	-2.01	50.00
55.00	0.10	C.33	1.10	0.89	0.29	-0.06	-1.97	55.00
60.00	0.07	C.33	1.07	0.77	0.14	-0.13	-1.94	60.00
65.00	-0.02	C.33	1.04	0.65	-0.01	-0.20	-1.91	65.00
70.00	0.11	C.33	1.01	0.53	-0.16	-0.27	-1.87	70.00
75.00	0.26	C.33	0.98	0.41	-0.31	-0.34	-1.84	75.00
80.00	0.36	C.33	0.95	0.29	-0.46	-0.41	-1.81	80.00
85.00	0.43	C.33	0.94	0.17	-0.56	-0.48	-1.77	85.00
90.00	0.50	C.33	0.93	0.05	-0.66	-0.55	-1.74	90.00
95.00	0.57	C.33	0.92	-0.07	-0.76	-0.62	-1.71	95.00
100.00	0.64	C.33	0.91	-0.19	-0.86	-0.69	-1.67	100.00
105.00	0.71	C.33	0.90	-0.31	-0.96	-0.76	-1.64	105.00
110.00	0.78	C.33	0.89	-0.43	-1.06	-0.83	-1.61	110.00
115.00	0.85	C.33	0.88	-0.55	-1.16	-0.90	-1.57	115.00
120.00	0.92	C.33	0.87	-0.67	-1.26	-0.97	-1.54	120.00
125.00	0.99	C.33	0.86	-0.79	-1.36	-1.04	-1.51	125.00
130.00	1.06	C.33	0.85	-0.91	-1.46	-1.11	-1.47	130.00
135.00	1.13	C.33	0.84	-1.03	-1.56	-1.18	-1.44	135.00
140.00	1.20	C.33	0.83	-1.15	-1.66	-1.25	-1.41	140.00
145.00	1.27	C.33	0.82	-1.27	-1.76	-1.32	-1.37	145.00
150.00	1.34	C.33	0.81	-1.39	-1.86	-1.39	-1.34	150.00
155.00	1.41	C.33	0.80	-1.51	-1.96	-1.46	-1.31	155.00
160.00	1.48	C.33	0.79	-1.63	-2.06	-1.53	-1.27	160.00
165.00	1.55	C.33	0.78	-1.75	-2.16	-1.60	-1.24	165.00
170.00	1.62	C.33	0.77	-1.87	-2.26	-1.67	-1.21	170.00
175.00	1.69	C.33	0.76	-1.99	-2.36	-1.74	-1.17	175.00
180.00	1.76	C.33	0.75	-2.11	-2.46	-1.81	-1.14	180.00
185.00	1.83	C.33	0.74	-2.23	-2.56	-1.88	-1.11	185.00
190.00	1.90	C.33	0.73	-2.35	-2.66	-1.95	-1.07	190.00
195.00	1.97	C.33	0.72	-2.47	-2.76	-2.02	-1.04	195.00
200.00	2.04	C.33	0.71	-2.59	-2.86	-2.09	-1.01	200.00
205.00	2.11	C.33	0.70	-2.71	-2.96	-2.16	-0.97	205.00
210.00	2.18	C.33	0.69	-2.83	-3.06	-2.23	-0.94	210.00
215.00	2.25	C.33	0.68	-2.95	-3.16	-2.30	-0.91	215.00
220.00	2.32	C.33	0.67	-3.07	-3.26	-2.37	-0.87	220.00
225.00	2.39	C.33	0.66	-3.19	-3.36	-2.44	-0.84	225.00
230.00	2.46	C.33	0.65	-3.31	-3.46	-2.51	-0.81	230.00
235.00	2.53	C.33	0.64	-3.43	-3.56	-2.58	-0.77	235.00
240.00	2.60	C.33	0.63	-3.55	-3.66	-2.65	-0.74	240.00
245.00	2.67	C.33	0.62	-3.67	-3.76	-2.72	-0.71	245.00
250.00	2.74	C.33	0.61	-3.79	-3.86	-2.79	-0.67	250.00
255.00	2.81	C.33	0.60	-3.91	-3.96	-2.86	-0.64	255.00
260.00	2.88	C.33	0.59	-4.03	-4.06	-2.93	-0.61	260.00
265.00	2.95	C.33	0.58	-4.15	-4.16	-3.00	-0.57	265.00
270.00	3.02	C.33	0.57	-4.27	-4.26	-3.07	-0.54	270.00
275.00	3.09	C.33	0.56	-4.39	-4.36	-3.14	-0.51	275.00
280.00	3.16	C.33	0.55	-4.51	-4.46	-3.21	-0.47	280.00
285.00	3.23	C.33	0.54	-4.63	-4.56	-3.28	-0.44	285.00
290.00	3.30	C.33	0.53	-4.75	-4.66	-3.35	-0.41	290.00
295.00	3.37	C.33	0.52	-4.87	-4.76	-3.42	-0.37	295.00
300.00	3.44	C.33	0.51	-4.99	-4.86	-3.49	-0.34	300.00
305.00	3.51	C.33	0.50	-5.11	-4.96	-3.56	-0.31	305.00
310.00	3.58	C.33	0.49	-5.23	-5.06	-3.63	-0.27	310.00
315.00	3.65	C.33	0.48	-5.35	-5.16	-3.70	-0.24	315.00
320.00	3.72	C.33	0.47	-5.47	-5.26	-3.77	-0.21	320.00
325.00	3.79	C.33	0.46	-5.59	-5.36	-3.84	-0.17	325.00
330.00	3.86	C.33	0.45	-5.71	-5.46	-3.91	-0.14	330.00
335.00	3.93	C.33	0.44	-5.83	-5.56	-3.98	-0.11	335.00
340.00	4.00	C.33	0.43	-5.95	-5.66	-4.05	-0.07	340.00
345.00	4.07	C.33	0.42	-6.07	-5.76	-4.12	0.00	345.00
350.00	4.14	C.33	0.41	-6.19	-5.86	-4.19	0.07	350.00
355.00	4.21	C.33	0.40	-6.31	-5.96	-4.26	0.14	355.00
360.00	4.28	C.33	0.39	-6.43	-6.06	-4.33	0.21	360.00
365.00	4.35	C.33	0.38	-6.55	-6.16	-4.40	0.28	365.00
370.00	4.42	C.33	0.37	-6.67	-6.26	-4.47	0.35	370.00
375.00	4.49	C.33	0.36	-6.79	-6.36	-4.54	0.42	375.00
380.00	4.56	C.33	0.35	-6.91	-6.46	-4.61	0.49	380.00
385.00	4.63	C.33	0.34	-7.03	-6.56	-4.68	0.56	385.00
390.00	4.70	C.33	0.33	-7.15	-6.66	-4.75	0.63	390.00
395.00	4.77	C.33	0.32	-7.27	-6.76	-4.82	0.70	395.00
400.00	4.84	C.33	0.31	-7.39	-6.86	-4.89	0.77	400.00
405.00	4.91	C.33	0.30	-7.51	-6.96	-4.96	0.84	405.00
410.00	4.98	C.33	0.29	-7.63	-7.06	-5.03	0.91	410.00
415.00	5.05	C.33	0.28	-7.75	-7.16	-5.10	0.98	415.00
420.00	5.12	C.33	0.27	-7.87	-7.26	-5.17	1.05	420.00
425.00	5.19	C.33	0.26	-7.99	-7.36	-5.24	1.12	425.00
430.00	5.26	C.33	0.25	-8.11	-7.46	-5.31	1.19	430.00
435.00	5.33	C.33	0.24	-8.23	-7.56	-5.38	1.26	435.00
440.00	5.40	C.33	0.23	-8.35	-7.66	-5.45	1.33	440.00
445.00	5.47	C.33	0.22	-8.47	-7.76	-5.52	1.40	445.00
450.00	5.54	C.33	0.21	-8.59	-7.86	-5.59	1.47	450.00
455.00	5.61	C.33	0.20	-8.71	-7.96	-5.66	1.54	455.00
460.00	5.68	C.33	0.19	-8.83	-8.06	-5.73	1.61	460.00
465.00	5.75	C.33	0.18	-8.95	-8.16	-5.80	1.68	465.00
470.00	5.82	C.33	0.17	-9.07	-8.26	-5.87	1.75	470.00
475.00	5.89	C.33	0.16	-9.19	-8.36	-5.94	1.82	475.00
480.00	5.96	C.33	0.15	-9.31	-8.46	-6.01	1.89	480.00
485.00	6.03	C.33	0.14	-9.43	-8.56	-6.08	1.96	485.00
490.00	6.10	C.33	0.13	-9.55	-8.66	-6.15	2.03	490.00
495.00	6.17	C.33	0.12	-9.67	-8.76	-6.22	2.10	495.00
500.00	6.24	C.33	0.11	-9.79	-8.86	-6.29	2.17	500.00
505.00	6.31	C.33	0.10	-9.91	-8.96	-6.36	2.24	505.00
510.00	6.38	C.33	0.09	-10.03	-9.06	-6.43	2.31	510.00
515.00	6.45	C.33	0.08	-10.15	-9.16	-6.50	2.38	515.00
520.00	6.52	C.33	0.07	-10.27	-9.26	-6.57	2.45	520.00
525.00	6.59	C.33	0.06	-10.39	-9.36	-6.64	2.52	525.00
530.00	6.66	C.33	0.05	-10.51	-9.46	-6.71	2.59	530.00
535.00	6.73	C.33	0.04	-10.63	-9.56	-6.78	2.66	535.00
540.00	6.80	C.33	0.03	-10.75	-9.66	-6.85	2.73	540.00
545.00	6.87	C.33	0.02	-10.87	-9.76	-6.92	2.80	545.00
550.00	6.94	C.33	0.01	-10.99	-9.86	-6.99	2.87	550.00
555.00	7.01	C.33	0.00	-11.11	-9.96	-7.06	2.94	555.00
560.00	7.08	C.33	-0.01	-11.23	-10.06	-7.13	3.01	560.00
565.00	7.15	C.33	-0.02	-11.35	-10.16	-7.20	3.08	565.00
570.00	7.22	C.33	-0.03	-11.47	-10.26	-7.27	3.15	570.00
575.00	7.29	C.33	-0.04	-11.59	-10.36	-7.34	3.22	575.00
580.00	7.36	C.33	-0.05	-11.71	-10.46	-7.41	3.29	580.00
585.00	7.43	C.33	-0.06	-11.83	-10.56	-7.48	3.36	585.00
590.00	7.50	C.33	-0.07	-11.95	-10.66	-7.55	3.43	590.00
595.00	7.57	C.33	-0.08	-12.07	-10.76	-7.62	3.50	595.00
600.00	7.64	C.33	-0.09	-12.19	-10.86	-7.69	3.57	600.00
605.00	7.71	C.33	-0.10	-12.31	-10.96	-7.76	3.64	605.00
610.00	7.78	C.33	-0.11	-12.43	-11.06	-7.83	3.71	610.00
615.00	7.85	C.33	-0.12	-12.55	-11.16	-7.90	3.78	615.00
620.00	7.92	C.33	-0.13	-1				

BLADE LOADS

TEST 497 CNTR NO. 945 T.C.N. 03 C.R. 30

SPPR STATION

DEG	52.5	79.8	115.7	153.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	0.03	0.10	0.15	0.21	0.29	0.33	-1.44	2.0
4.00	0.17	0.11	0.13	0.22	0.31	0.32	-1.45	1.00
10.00	-0.02	0.10	0.16	0.23	0.30	0.34	-1.51	10.00
15.00	-0.07	0.09	0.16	0.22	0.29	0.30	-1.57	15.00
20.00	-0.04	0.08	0.15	0.21	0.28	0.32	-1.61	20.00
25.00	0.01	0.14	0.18	0.25	0.34	0.39	-1.61	25.00
30.00	0.07	0.18	0.27	0.33	0.39	0.40	-1.60	30.00
35.00	0.10	0.21	0.30	0.37	0.43	0.42	-1.59	35.00
40.00	0.13	0.24	0.33	0.40	0.47	0.47	-1.57	40.00
45.00	0.16	0.26	0.35	0.42	0.49	0.51	-1.57	45.00
50.00	0.19	0.28	0.37	0.44	0.51	0.54	-1.57	50.00
55.00	-0.12	-0.01	0.00	0.00	0.00	0.00	-1.74	55.00
60.00	-0.47	-0.19	0.00	0.00	0.00	0.00	-1.80	60.00
65.00	-0.80	-0.40	0.00	0.00	0.00	0.00	-2.00	65.00
70.00	-0.87	-0.40	0.00	0.00	0.00	-0.10	-2.27	70.00
75.00	-0.96	-0.29	0.00	0.00	0.00	-0.17	-2.37	75.00
80.00	-0.94	0.00	0.00	0.00	-0.06	-0.61	-2.40	80.00
85.00	-0.14	0.00	0.00	0.00	-0.74	-0.87	-2.50	85.00
90.00	-0.07	0.00	0.00	0.00	-0.40	-0.94	-2.50	90.00
95.00	0.14	0.00	0.00	0.00	-0.10	-1.01	-2.44	95.00
100.00	0.29	0.00	0.00	-0.00	-0.44	-1.07	-2.21	100.00
105.00	0.34	0.00	-0.00	-0.00	-0.07	-0.90	-1.90	105.00
110.00	0.30	-0.00	-0.00	-0.00	-0.00	-0.97	-1.64	110.00
115.00	0.06	-0.00	-0.00	-0.00	-0.00	-0.90	-1.49	115.00
120.00	-0.17	-0.00	-0.00	-0.00	-0.00	-1.14	-1.49	120.00
125.00	-0.17	-0.00	-0.00	-0.00	-0.00	-1.34	-1.50	125.00
130.00	-0.04	-0.00	-0.00	-0.00	-1.10	-1.00	-1.64	130.00
135.00	0.00	-0.00	-0.00	-0.00	-1.77	-1.70	-1.70	135.00
140.00	0.14	0.00	-0.00	-1.07	-1.40	-1.00	-1.00	140.00
145.00	0.18	0.00	-0.00	-1.14	-1.32	-1.06	-1.00	145.00
150.00	0.17	0.00	-0.00	-1.27	-1.20	-1.09	-1.02	150.00
155.00	0.14	0.00	-0.00	-1.27	-1.44	-1.07	-1.70	155.00
160.00	0.27	-0.00	-0.00	-1.20	-1.44	-1.00	-1.64	160.00
165.00	0.26	0.00	-0.00	-1.00	-1.02	-1.00	-1.62	165.00
170.00	0.27	0.00	-0.00	-1.23	-1.00	-1.00	-1.00	170.00
175.00	0.26	0.00	-0.00	-1.20	-1.00	-1.74	-1.50	175.00
180.00	0.20	0.00	-0.00	-1.17	-1.49	-1.61	-1.21	180.00
185.00	0.20	0.00	-0.00	-1.37	-1.25	-1.62	-0.20	185.00
190.00	0.20	0.00	-0.00	-1.20	-1.21	-1.74	1.00	190.00
195.00	0.24	0.00	-0.00	-1.22	-1.70	-1.00	2.20	195.00
200.00	0.10	-0.00	-0.00	-1.23	-1.79	-0.00	2.67	200.00
205.00	0.10	-0.00	-0.00	-1.10	-1.13	-0.15	2.33	205.00
210.00	-0.02	-0.00	-0.00	-1.07	-0.90	0.19	1.97	210.00
215.00	-0.11	-0.00	-0.00	-1.00	-0.90	0.20	1.40	215.00
220.00	-0.17	-0.00	-0.00	-1.00	-0.92	0.31	1.60	220.00
225.00	-0.19	-0.00	-0.00	-1.00	-0.97	0.70	2.01	225.00
230.00	-0.24	-0.00	-0.00	-1.00	-0.90	0.63	2.74	230.00
235.00	-0.24	-0.00	-0.00	-1.00	-0.90	0.97	2.40	235.00
240.00	-0.27	-0.00	-0.00	-1.11	-0.25	1.10	2.97	240.00
245.00	-0.20	-0.00	-0.00	-0.00	-0.50	1.10	4.00	245.00
250.00	-0.27	-0.00	-0.00	-0.00	-0.61	1.00	3.47	250.00
255.00	-0.22	-0.00	-0.00	-0.00	-0.60	0.80	2.70	255.00
260.00	-0.21	-0.00	-0.00	-0.00	-0.76	0.87	2.22	260.00
265.00	-0.21	-0.00	-0.00	-0.00	-0.61	0.93	2.70	265.00
270.00	-0.20	-0.00	-0.00	-0.00	0.90	1.26	2.99	270.00
275.00	-0.20	-0.00	-0.00	-0.00	0.97	1.43	4.77	275.00
280.00	-0.00	-0.00	-0.00	-0.11	0.24	1.72	6.44	280.00
285.00	-0.00	-0.00	-0.10	0.00	0.71	1.02	4.44	285.00
290.00	-0.21	-0.00	-0.00	0.12	0.00	1.45	3.10	290.00
295.00	-0.17	-0.00	0.00	0.16	0.44	0.73	1.23	295.00
300.00	-0.21	-0.00	0.00	0.13	0.76	0.12	0.27	300.00
305.00	-0.20	-0.00	0.14	0.13	0.50	0.07	0.70	305.00
310.00	-0.22	-0.00	0.24	0.07	0.83	0.07	1.70	310.00
315.00	-0.10	-0.00	0.30	0.00	1.13	1.10	2.90	315.00
320.00	-0.10	-0.00	0.00	0.00	1.19	1.27	1.04	320.00
325.00	-0.07	-0.00	0.00	0.07	1.06	1.07	0.64	325.00
330.00	0.17	-0.00	0.10	0.42	1.03	0.76	-0.09	330.00
335.00	0.24	-0.00	0.00	0.00	1.06	0.80	-0.93	335.00
340.00	0.00	-0.00	0.00	1.01	1.14	0.64	-0.00	340.00
345.00	0.24	-0.00	0.00	1.11	1.23	0.60	-1.14	345.00
350.00	0.41	0.00	0.00	1.37	1.33	0.74	-1.37	350.00
355.00	1.00	0.00	0.00	1.42	1.42	0.70	-1.34	355.00

STATIC COMPONENTS

160.00 1.10 2.37 0.21 0.00 11.21 14.70 16.20 360.00

BLADE LOADS

TEST 498 CNTR NO. 563 T.C.N. 04 C.R. 37							
SPAN STATION							
DEG	52.5	79.0	119.7	155.5	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	0.33	0.31	0.64	1.57	1.02	1.29	-0.84
5.00	1.12	0.84	1.03	2.12	2.29	2.13	0.61
10.00	0.95	0.94	1.25	2.44	2.77	2.24	0.63
15.00	0.58	1.04	1.42	2.97	2.61	1.78	-0.24
20.00	0.62	1.35	1.57	2.63	2.28	1.34	-0.63
25.00	0.73	1.62	1.81	2.54	2.11	1.22	-0.75
30.00	0.77	1.84	2.39	2.38	2.28	1.21	-0.75
35.00	0.85	1.88	2.80	2.16	2.07	1.27	-0.71
40.00	0.84	1.78	2.70	2.01	2.01	1.30	-0.66
45.00	0.36	1.52	2.37	1.89	1.93	1.29	-0.67
50.00	0.40	1.13	1.89	1.83	1.79	1.17	-0.62
55.00	0.57	1.03	1.45	1.83	1.61	0.92	-1.14
60.00	0.66	1.09	1.29	1.82	1.38	0.60	-1.57
65.00	0.34	1.21	1.29	1.75	1.11	0.31	-1.87
70.00	0.36	1.02	1.34	1.61	0.83	0.54	-2.06
75.00	0.55	1.15	1.29	1.41	0.57	-0.23	-2.27
80.00	0.84	1.02	1.15	1.22	0.38	-0.45	-2.45
85.00	0.91	0.74	0.96	1.29	0.24	-0.58	-2.61
90.00	0.65	0.58	0.80	0.99	0.19	-0.63	-2.69
95.00	0.48	0.52	0.66	0.99	0.17	-0.65	-1.71
100.00	0.41	0.48	0.51	0.80	0.14	-0.68	-1.67
105.00	0.40	0.41	0.34	0.74	0.07	-0.76	-1.76
110.00	0.39	0.33	0.18	0.67	-0.08	-0.89	-1.79
115.00	0.44	0.27	0.05	0.57	-0.27	-1.04	-1.68
120.00	0.48	0.20	-0.04	0.34	-0.53	-1.24	-1.62
125.00	0.30	0.14	-0.13	-0.01	-0.81	-1.45	-1.60
130.00	0.12	0.10	-0.29	-0.47	-1.14	-1.64	-1.91
135.00	0.11	0.06	-0.47	-0.98	-1.51	-2.18	-2.31
140.00	0.12	0.00	-0.58	-1.22	-1.99	-2.56	-2.51
145.00	0.01	-0.04	-0.63	-1.25	-2.25	-2.77	-2.25
150.00	-0.14	-0.06	-0.65	-1.03	-2.39	-2.53	-1.62
155.00	-0.29	-0.25	-0.68	-0.82	-1.88	-1.75	-0.98
160.00	-0.12	0.01	-0.70	-0.94	-1.32	-1.31	-0.46
165.00	0.13	0.18	-0.76	-1.24	-1.27	-0.73	-0.17
170.00	0.25	0.21	-0.69	-1.48	-1.34	-0.65	0.37
175.00	0.22	0.33	-0.66	-1.58	-1.39	-0.69	0.20
180.00	0.14	0.41	-0.64	-1.64	-1.36	-0.54	0.04
185.00	0.67	0.42	-0.65	-1.71	-1.31	-0.58	-0.44
190.00	0.05	0.34	-0.73	-1.88	-1.44	-0.65	-0.70
195.00	0.03	0.20	-0.83	-1.97	-1.58	-0.93	-0.64
200.00	-0.22	0.04	-0.90	-1.96	-1.54	-0.88	-0.13
205.00	-0.10	-0.16	-0.89	-1.95	-1.47	-0.15	0.24
210.00	-0.22	-0.38	-0.83	-1.97	-1.26	0.25	1.55
215.00	-0.24	-0.59	-0.79	-2.03	-0.92	1.12	3.41
220.00	-0.15	-0.76	-0.64	-2.08	-0.43	0.92	4.82
225.00	-0.18	-0.85	-0.92	-1.98	-1.37	0.22	3.85
230.00	-0.22	-0.86	-0.98	-1.72	-1.47	-0.07	3.71
235.00	-0.23	-0.85	-1.00	-1.53	-1.24	0.11	3.88
240.00	-0.23	-0.85	-0.99	-1.33	-0.94	0.34	4.88
245.00	-0.27	-0.84	-1.00	-1.13	-0.80	0.91	4.15
250.00	-0.46	-0.82	-1.04	-1.03	-0.67	1.18	4.17
255.00	-0.66	-0.80	-1.09	-0.99	-0.51	1.47	4.20
260.00	-0.70	-0.77	-1.12	-0.99	-0.39	1.43	4.31
265.00	-0.61	-0.76	-1.05	-0.99	-0.40	1.18	4.24
270.00	-0.47	-0.78	-0.96	-1.39	-0.48	0.34	2.74
275.00	-0.36	-0.81	-0.86	-0.98	-0.54	-0.27	1.37
280.00	-0.47	-0.82	-0.81	-0.77	-0.55	-0.15	1.52
285.00	-0.71	-0.81	-0.78	-0.50	-0.43	0.29	2.37
290.00	-0.92	-0.84	-0.75	-0.37	-0.16	0.34	2.27
295.00	-1.04	-0.84	-0.72	-0.35	0.15	0.37	2.36
300.00	-1.04	-0.81	-0.69	-0.34	0.43	0.40	1.50
305.00	-0.95	-0.81	-0.62	-0.30	0.53	0.18	-0.57
310.00	-0.83	-0.84	-0.50	-0.16	0.49	-0.31	-0.78
315.00	-0.69	-0.87	-0.36	0.01	0.44	-0.12	-0.69
320.00	-0.57	-0.92	-0.22	0.22	0.50	-0.13	-0.63
325.00	-0.51	-1.00	-0.13	0.39	0.62	-0.13	-0.63
330.00	-0.52	-1.07	-0.11	0.47	0.71	-0.15	-1.38
335.00	-0.29	-1.13	-0.15	0.48	0.74	-0.17	-1.57
340.00	-0.54	-1.15	-0.22	0.40	0.79	-0.25	-1.61
345.00	-0.46	-1.29	-0.38	0.44	0.87	-0.31	-1.97
350.00	-0.36	-1.28	-0.34	0.71	1.04	-0.17	-1.93
355.00	-0.34	-0.91	-0.66	1.00	1.39	0.33	-1.69
STATIC COMPONENTS							
	2.02	4.28	8.31	12.58	15.29	19.51	21.86

BLADE LOADS

TEST 502		CNTR NO. 354		T.C.N. 05		C.R. 50.1	
SPAN STATION							
DEG	52.5	79.8	119.7	153.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	0.81	0.96	2.35	3.35	2.15	2.47	2.15
5.00	0.76	1.09	2.09	2.81	1.83	1.78	1.18
10.00	0.60	1.10	1.85	1.84	1.04	0.98	0.23
15.00	0.57	0.95	1.47	1.53	0.30	0.02	-0.69
20.00	0.74	0.62	1.23	1.14	-0.44	-0.90	-1.68
25.00	0.38	0.57	1.08	0.75	-1.12	-1.64	-2.56
30.00	0.37	1.20	0.93	0.44	-1.59	-2.18	-3.06
35.00	0.54	1.09	0.72	0.31	-1.90	-2.46	-3.32
40.00	0.52	0.75	0.66	0.20	-2.12	-2.51	-3.48
45.00	0.34	0.67	0.54	0.10	-2.28	-2.53	-3.66
50.00	0.47	0.65	0.41	0.02	-2.41	-2.70	-3.89
55.00	0.48	0.66	0.34	-0.09	-2.57	-3.00	-4.19
60.00	0.64	0.41	0.09	-0.25	-2.79	-3.37	-4.55
65.00	0.43	0.25	0.00	-0.59	-3.08	-3.70	-5.19
70.00	0.21	0.65	0.04	-0.95	-3.40	-4.11	-5.97
75.00	0.37	0.40	-0.40	-1.48	-3.67	-4.94	-6.59
80.00	0.44	0.60	-0.41	-2.20	-4.24	-5.45	-5.79
85.00	0.32	-0.01	0.00	-1.69	-4.36	-5.99	-3.33
90.00	-0.05	-0.08	-0.81	-1.43	-2.95	-3.14	-0.63
95.00	-0.40	0.64	-0.44	-2.08	-2.77	-1.60	0.17
100.00	-0.25	0.35	-0.13	-1.33	-2.49	-0.39	0.32
105.00	0.40	-0.18	-0.13	-0.68	-1.51	-0.98	0.87
110.00	0.62	-0.23	-0.59	-0.76	-1.38	-0.77	1.06
115.00	0.32	0.26	-0.40	-0.94	-1.88	-0.30	0.34
120.00	0.02	0.44	0.07	-0.64	-2.08	0.27	-0.46
125.00	-0.13	0.63	0.11	-0.16	-1.91	0.36	-1.10
130.00	-0.03	0.41	-0.14	-0.25	-1.46	0.31	-1.32
135.00	0.23	0.33	-0.23	-0.94	-0.85	0.20	-1.64
140.00	0.44	0.36	-0.18	-0.58	-0.30	0.18	-1.62
145.00	0.52	0.43	-0.02	-0.34	0.23	0.21	-1.57
150.00	0.47	0.55	0.21	0.01	0.63	0.25	-1.46
155.00	0.46	0.71	0.42	0.27	0.95	0.30	-1.28
160.00	0.52	0.90	0.60	0.48	1.23	0.38	-1.04
165.00	0.48	1.13	0.74	0.69	1.45	0.49	-0.79
170.00	0.48	1.24	0.92	0.95	1.62	0.61	-0.49
175.00	0.54	1.18	1.11	1.11	1.76	0.78	-0.15
180.00	0.44	1.06	1.19	1.34	1.89	1.00	0.18
185.00	0.38	0.90	1.10	0.90	2.00	1.17	0.51
190.00	2.50	0.70	0.90	0.78	2.13	1.29	0.82
195.00	0.71	0.44	0.73	0.63	2.25	1.45	1.08
200.00	0.12	0.17	0.51	0.58	2.34	1.56	1.22
205.00	0.02	-0.55	0.23	0.56	2.40	1.58	1.29
210.00	-0.10	-0.26	0.04	0.54	2.45	1.58	1.36
215.00	-0.23	-0.68	-0.12	0.33	2.56	1.71	1.47
220.00	-0.36	-0.86	-0.40	0.03	2.74	1.96	1.61
225.00	-0.51	-0.76	-0.69	-0.28	3.00	2.26	1.81
230.00	-0.63	-0.81	-0.97	-0.46	3.18	2.59	2.14
235.00	-0.73	-0.86	-1.19	-0.47	3.19	3.04	2.65
240.00	-0.79	-0.96	-1.32	-0.28	2.84	3.67	3.34
245.00	-0.82	-1.16	-1.40	0.06	2.13	4.27	4.22
250.00	-0.89	-1.34	-1.47	0.66	1.32	4.50	5.20
255.00	-0.88	-1.44	-1.40	0.54	0.95	4.12	6.00
260.00	-0.89	-1.56	-0.94	-0.91	0.97	3.15	6.44
265.00	-0.89	-1.57	-0.91	-2.26	1.30	1.91	6.54
270.00	-0.91	-1.56	-1.33	-2.95	1.69	1.08	5.64
275.00	-2.24	-1.52	-2.10	-2.15	0.18	0.82	4.28
280.00	-0.95	-1.44	-2.43	-1.81	-2.68	-0.67	2.81
285.00	-0.93	-1.27	-2.11	-2.07	-2.62	-2.82	0.72
290.00	-0.87	-0.96	-1.66	-2.50	-2.43	-3.75	-2.12
295.00	-0.78	-0.74	-1.32	-2.50	-2.24	-4.02	-3.67
300.00	-0.69	-1.08	-1.90	-2.14	-2.03	-3.71	-3.81
305.00	-0.61	-1.44	-1.98	-1.79	-1.78	-3.00	-2.80
310.00	-0.45	-1.62	-1.56	-1.33	-1.23	-2.02	-1.41
315.00	-0.51	-1.51	-0.91	-0.73	-0.58	-1.03	-0.31
320.00	-0.47	-1.18	-0.18	-0.08	0.13	-0.11	0.58
325.00	-0.41	-0.76	0.12	0.66	0.83	0.79	1.39
330.00	-0.30	-0.44	0.03	1.44	1.52	1.62	1.88
335.00	-0.13	-0.12	0.76	2.16	2.16	2.35	1.93
340.00	0.08	0.21	1.65	2.87	2.67	2.90	2.67
345.00	0.25	0.47	2.23	3.86	2.94	3.23	3.41
350.00	0.30	0.57	2.47	4.02	2.99	3.28	3.33
355.00	0.46	0.60	2.50	3.35	2.70	3.00	2.86
STATIC COMPONENTS							
	2.53	3.40	5.56	8.62	9.31	11.31	9.90

BLADE LOADS

TEST 502

CNTR NO. 327

T.C.N. 06

C.R. 49.1

SPAN STATION

DEG	52.5	79.8	119.7	153.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	0.11	C.15	1.62	3.31	2.82	3.29	2.70
5.00	-0.17	C.54	1.55	2.47	1.30	1.82	0.97
10.00	-0.08	C.83	1.44	2.15	0.68	0.85	0.02
15.00	0.00	C.95	1.22	1.70	-0.07	0.03	-0.91
20.00	0.24	1.04	1.03	1.23	-0.70	-0.61	-1.76
25.00	0.40	C.64	C.54	C.40	-1.13	-1.38	-2.34
30.00	0.70	C.32	C.52	0.65	-1.41	-1.95	-2.63
35.00	0.34	C.22	C.89	0.56	-1.51	-2.14	-2.70
40.00	0.34	C.37	C.82	C.32	-1.54	-1.78	-2.72
45.00	0.40	C.67	C.75	C.48	-1.59	-1.32	-2.73
50.00	0.27	C.74	C.83	C.25	-1.78	-1.66	-2.97
55.00	0.27	C.73	C.48	0.01	-2.14	-2.23	-3.46
60.00	0.35	C.65	C.25	-0.37	-2.47	-2.78	-4.03
65.00	0.27	C.70	C.02	-0.71	-2.97	-3.39	-4.72
70.00	0.32	C.72	-C.10	-1.14	-3.39	-4.15	-5.63
75.00	0.76	C.65	-C.36	-1.48	-4.05	-4.77	-6.12
80.00	0.32	C.58	-C.87	-1.80	-3.86	-5.05	-4.05
85.00	0.30	C.40	-C.78	-2.56	-4.17	-4.71	-2.61
90.00	0.28	C.21	-C.37	-2.55	-4.48	-2.88	-2.49
95.00	0.14	-C.00	-C.65	-1.43	-3.39	-2.61	-1.27
100.00	0.00	C.44	-1.23	-1.45	-2.65	-3.11	-0.37
105.00	-0.19	1.05	-1.25	-2.05	-3.07	-2.63	-0.79
110.00	-0.02	C.90	-C.24	-2.15	-3.41	-1.75	-1.49
115.00	0.67	C.75	C.07	-1.44	-3.36	-0.93	-2.15
120.00	1.08	C.57	-C.10	-0.91	-2.42	-0.65	-2.51
125.00	0.84	C.34	-C.25	-0.90	-1.87	-0.81	-2.64
130.00	0.61	C.36	-C.22	-0.45	-0.99	-1.01	-2.73
135.00	0.55	C.81	-C.51	-C.87	-0.48	-0.98	-2.65
140.00	0.59	1.34	-C.41	-0.70	-0.21	-0.93	-2.62
145.00	0.58	1.55	-C.02	-0.35	-0.09	-0.93	-2.44
150.00	C.51	1.50	C.48	-0.12	-0.00	-0.87	-2.21
155.00	0.54	1.24	1.15	0.03	0.13	-C.69	-1.80
160.00	0.70	1.32	1.45	C.20	0.42	-0.42	-1.33
165.00	0.66	1.37	1.25	C.47	0.71	-0.07	-0.85
170.00	1.00	1.45	1.21	C.86	1.09	0.32	-0.40
175.00	1.08	1.45	1.28	1.26	1.44	0.68	0.02
180.00	1.07	1.35	1.27	1.61	1.73	1.01	0.62
185.00	0.96	1.22	1.21	1.87	1.88	1.30	0.78
190.00	0.88	1.07	1.07	2.00	1.95	1.41	1.06
195.00	0.78	C.74	C.04	1.93	1.92	1.38	1.20
200.00	0.57	C.43	C.62	1.64	1.84	1.33	1.24
205.00	0.32	C.20	C.98	1.25	1.78	1.21	1.25
210.00	0.07	C.00	C.14	0.82	1.75	1.08	1.24
215.00	-0.12	-C.23	-C.04	0.35	1.77	C.99	1.24
220.00	-0.70	-C.48	-C.16	-C.11	1.87	1.03	1.29
225.00	-0.45	-C.71	-C.20	-C.51	2.09	1.15	1.38
230.00	-0.61	-C.50	-C.23	-C.74	2.48	1.43	1.62
235.00	-0.76	-1.04	-C.24	-C.84	3.01	1.94	2.00
240.00	-0.88	-1.17	-C.25	-0.83	3.54	2.45	2.40
245.00	-0.86	-1.21	-C.23	-C.81	3.83	3.51	3.42
250.00	-0.87	-1.43	-C.45	-C.75	3.56	4.43	4.35
255.00	-0.87	-1.50	-1.14	-C.67	2.18	5.15	5.34
260.00	-1.51	-1.51	-1.50	-C.63	0.21	4.90	6.30
265.00	-0.53	-1.54	-2.22	-0.60	-0.72	5.27	6.99
270.00	-0.86	-1.56	-2.15	-0.78	-0.92	-0.26	6.51
275.00	-0.80	-1.52	-2.08	-1.64	-0.84	-2.45	3.14
280.00	-0.77	-1.70	-2.03	-2.55	-1.84	-2.84	-0.97
285.00	-0.78	-C.67	-2.02	-2.70	-1.58	-2.89	-3.34
290.00	-0.78	-C.67	-1.89	-2.62	-2.02	-3.04	-3.86
295.00	-0.77	-1.43	-1.64	-2.44	-1.97	-2.86	-3.04
300.00	-0.75	-1.67	-2.00	-2.73	-1.65	-2.32	-1.52
305.00	-0.81	-2.02	-1.56	-1.81	-1.15	-1.56	-0.75
310.00	-0.80	-1.87	-1.88	-1.23	-0.51	-0.63	0.62
315.00	-0.95	-1.72	-1.14	-C.55	0.23	C.31	1.47
320.00	-0.97	-1.56	-C.68	C.13	1.05	1.34	2.31
325.00	-0.85	-1.77	-C.15	C.54	1.87	2.34	3.12
330.00	-0.76	-1.16	C.56	1.75	2.84	3.24	3.90
335.00	-0.65	-C.57	1.33	2.49	3.33	4.03	4.57
340.00	-0.47	-C.67	1.50	3.18	3.87	4.69	5.08
345.00	-0.38	-C.24	1.51	3.74	4.26	5.14	5.28
350.00	0.35	C.22	1.77	4.05	4.63	5.29	5.11
355.00	0.77	C.36	1.87	5.57	4.30	5.01	4.22

STATIC COMPONENTS

1.47 2.86 5.22 8.18 8.22 11.07 9.71

TEXT NOT REPRODUCIBLE

BLADE LOADS

TEST 904 CNTR NO. 297 T.C.N. 07 C.R. 61								
SPAN STATION								
DES	92.5	79.8	119.7	155.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-0.28	-0.40	1.02	2.50	3.47	4.05	4.44	0.0
5.00	-0.62	-0.50	1.25	1.80	2.05	2.80	3.23	5.00
10.00	-0.51	-0.60	1.11	1.70	2.00	2.62	3.08	10.00
15.00	-0.50	-0.64	1.03	1.85	1.11	1.53	0.40	15.00
20.00	-0.57	-0.27	1.00	0.70	0.70	0.90	-0.47	20.00
25.00	-0.51	-0.23	1.03	0.90	-0.10	-0.09	-1.30	25.00
30.00	-0.34	-0.23	1.05	0.90	-0.50	-0.94	-1.65	30.00
35.00	-0.00	0.10	1.04	0.90	-0.60	-0.90	-1.80	35.00
40.00	0.00	0.20	1.04	0.90	-0.44	-0.41	-1.90	40.00
45.00	0.12	0.34	1.05	0.72	-0.67	-0.64	-2.15	45.00
50.00	0.17	0.40	1.03	-0.05	-0.83	-0.61	-2.47	50.00
55.00	0.00	0.00	1.04	-0.91	-1.37	-1.11	-2.90	55.00
60.00	0.04	0.00	1.03	-1.00	-2.00	-1.97	-3.60	60.00
65.00	0.02	0.00	1.04	-1.60	-2.02	-2.02	-4.00	65.00
70.00	-0.00	0.00	-0.00	-2.74	-2.80	-4.11	-4.50	70.00
75.00	-0.07	0.00	-0.00	-3.70	-4.61	-5.11	-6.70	75.00
80.00	-0.00	0.00	-0.00	-3.70	-4.74	-5.94	-7.60	80.00
85.00	-0.00	0.00	-0.00	-3.70	-4.70	-6.77	-7.90	85.00
90.00	-0.00	0.00	-0.00	-3.70	-4.01	-7.40	-6.47	90.00
95.00	0.00	0.00	-0.00	-3.70	-4.00	-7.40	-7.40	95.00
100.00	0.00	0.00	-0.00	-3.70	-4.44	-6.44	-2.00	100.00
105.00	0.00	0.00	-0.00	-3.70	-4.71	-6.07	-2.17	105.00
110.00	0.10	0.00	-0.00	-2.70	-4.60	-2.10	-2.00	110.00
115.00	0.00	0.00	-0.00	-2.00	-4.25	-1.40	-3.44	115.00
120.00	0.47	1.30	-0.00	-1.57	-2.10	-1.74	-3.44	120.00
125.00	0.00	1.41	-0.00	-2.00	-0.90	-1.94	-3.71	125.00
130.00	0.00	1.00	-0.00	-1.00	-0.40	-1.70	-3.44	130.00
135.00	1.00	1.00	1.00	-1.00	-0.60	-1.71	-3.90	135.00
140.00	1.40	1.00	1.00	-1.70	-0.67	-1.60	-3.32	140.00
145.00	1.40	1.00	1.00	-1.47	-0.40	-1.40	-2.97	145.00
150.00	1.40	1.00	1.00	-0.40	-0.41	-1.30	-2.97	150.00
155.00	1.00	1.00	1.00	-0.10	-0.10	-1.00	-2.12	155.00
160.00	1.40	1.00	1.00	-0.00	-0.10	-0.70	-1.00	160.00
165.00	1.00	2.00	2.00	0.00	0.00	-0.70	-1.00	165.00
170.00	1.00	2.00	2.00	0.00	0.00	-0.70	-1.00	170.00
175.00	1.00	2.00	2.00	0.00	0.00	0.00	0.00	175.00
180.00	1.40	2.00	2.00	0.00	0.00	1.20	0.00	180.00
185.00	1.00	2.00	2.00	0.00	0.00	1.30	0.00	185.00
190.00	1.00	2.00	2.00	0.00	0.00	1.30	0.00	190.00
195.00	0.00	1.00	0.00	0.00	0.00	1.10	1.00	195.00
200.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	200.00
205.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.00
210.00	-0.00	0.00	-0.00	0.00	0.00	0.00	0.00	210.00
215.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	215.00
220.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	220.00
225.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	225.00
230.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	230.00
235.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	235.00
240.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	240.00
245.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	245.00
250.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	250.00
255.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	255.00
260.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	260.00
265.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	265.00
270.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	270.00
275.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	275.00
280.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	280.00
285.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	285.00
290.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	290.00
295.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	295.00
300.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	300.00
305.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	305.00
310.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	310.00
315.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	315.00
320.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	320.00
325.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	325.00
330.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	330.00
335.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	335.00
340.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	340.00
345.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	345.00
350.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	350.00
355.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	355.00

STATIC COMPONENTS

2.10 4.50 6.27 10.40 5.70 12.40 11.70

BLADE LOADS

TEST 902

CNTR NO. 306

T.C.N. 08

C.R. 48.1

SPAN STATION

DEG 52.7 79.8 119.7 153.3 178.5 189.0 199.5

DYNAMIC COMPONENTS

0.0	-0.37	-1.49	0.89	2.74	5.26	6.85	6.57	0.0
5.00	-0.22	-1.44	1.04	2.73	4.44	5.88	4.73	5.00
10.00	-0.43	-1.09	1.36	2.68	3.72	5.07	3.40	10.00
15.00	-0.60	-1.47	1.57	2.57	3.09	4.35	2.43	15.00
20.00	-0.15	0.05	1.62	2.46	2.62	3.64	1.82	20.00
25.00	0.66	0.22	1.70	2.47	2.40	3.31	1.49	25.00
30.00	1.29	0.33	1.94	2.52	2.45	3.38	1.32	30.00
35.00	0.68	0.50	2.08	2.65	2.54	3.42	1.34	35.00
40.00	0.03	0.65	1.98	2.57	2.37	3.12	1.29	40.00
45.00	-0.13	0.62	1.68	2.00	1.84	2.41	1.04	45.00
50.00	0.11	0.46	1.15	1.09	0.91	1.71	0.33	50.00
55.00	0.24	0.25	0.41	-0.11	-0.49	-0.40	-1.05	55.00
60.00	0.18	-0.01	-0.42	-1.44	-2.78	-2.45	-2.94	60.00
65.00	0.02	-0.31	-1.73	-2.88	-4.20	-4.81	-5.10	65.00
70.00	-0.12	-0.56	-1.92	-4.11	-5.97	-7.38	-7.44	70.00
75.00	-0.19	-0.75	-2.43	-5.05	-7.43	-9.33	-9.55	75.00
80.00	-0.20	-0.81	-2.65	-5.75	-8.41	-10.55	-10.89	80.00
85.00	-0.21	-0.70	-2.70	-6.16	-8.68	-11.09	-10.41	85.00
90.00	-0.16	-0.52	-2.81	-6.02	-8.53	-10.89	-8.21	90.00
95.00	0.05	-0.29	-2.35	-5.27	-8.21	-9.11	-6.71	95.00
100.00	0.39	0.02	-1.99	-4.46	-7.57	-8.82	-6.45	100.00
105.00	0.47	0.35	-1.41	-3.84	-5.78	-5.62	-6.68	105.00
110.00	0.92	0.67	-0.60	-3.42	-4.87	-5.07	-6.79	110.00
115.00	1.17	1.02	0.19	-2.98	-2.88	-4.91	-6.59	115.00
120.00	1.44	1.35	0.74	-2.65	-2.54	-4.60	-6.17	120.00
125.00	1.69	1.72	1.14	-1.98	-2.33	-4.20	-5.67	125.00
130.00	1.88	2.10	1.40	-0.39	-2.07	-3.67	-5.02	130.00
135.00	1.97	2.52	1.69	2.32	-1.57	-3.02	-4.29	135.00
140.00	1.98	2.93	2.12	4.17	-0.94	-2.31	-3.49	140.00
145.00	1.94	3.23	2.79	5.15	-0.30	-1.55	-2.79	145.00
150.00	1.97	3.46	2.94	5.68	0.37	-0.70	-2.04	150.00
155.00	2.12	3.43	2.67	6.18	1.14	0.20	-1.14	155.00
160.00	2.44	3.84	2.88	6.47	1.84	0.97	-0.21	160.00
165.00	2.89	4.05	2.93	6.48	2.37	1.44	0.44	165.00
170.00	3.16	4.14	3.13	6.15	2.69	2.19	1.23	170.00
175.00	3.02	4.18	3.16	5.53	2.78	2.42	1.56	175.00
180.00	2.65	3.94	2.90	4.74	2.55	2.27	1.57	180.00
185.00	2.14	3.40	3.23	3.88	2.11	1.84	1.39	185.00
190.00	1.43	2.76	4.03	2.99	1.56	1.25	1.11	190.00
195.00	0.92	2.07	4.24	2.19	0.98	0.65	0.79	195.00
200.00	0.37	1.35	3.69	1.57	0.49	0.12	0.42	200.00
205.00	-0.13	0.64	2.94	1.05	0.18	-0.20	0.08	205.00
210.00	-0.54	0.06	2.37	0.60	-0.12	-0.69	-0.30	210.00
215.00	-0.86	-0.44	1.72	0.30	-0.35	-0.98	-0.55	215.00
220.00	-1.09	-0.87	1.17	0.15	-0.43	-1.14	-0.60	220.00
225.00	-1.23	-1.19	0.64	0.01	-0.43	-1.16	-0.52	225.00
230.00	-1.29	-1.44	0.03	-0.17	-0.49	-1.03	-0.31	230.00
235.00	-1.30	-1.68	-0.64	-0.36	-0.55	-0.80	0.00	235.00
240.00	-1.33	-1.89	-1.32	-0.51	-0.43	-0.51	0.38	240.00
245.00	-1.36	-2.01	-2.04	-0.64	-0.03	-0.18	0.78	245.00
250.00	-1.37	-2.03	-2.45	-0.94	0.44	0.07	1.18	250.00
255.00	-1.33	-2.03	-3.06	-1.33	0.64	0.22	1.54	255.00
260.00	-1.27	-2.05	-3.27	-1.97	0.71	0.19	1.85	260.00
265.00	-1.23	-2.06	-3.36	-2.85	0.76	0.15	2.14	265.00
270.00	-1.27	-2.06	-3.47	-3.76	0.60	0.44	2.42	270.00
275.00	-1.36	-2.11	-3.51	-4.64	-0.01	0.67	2.63	275.00
280.00	-1.47	-2.15	-3.55	-4.75	-0.91	0.02	2.41	280.00
285.00	-1.54	-2.19	-3.49	-4.72	-1.84	-0.91	1.57	285.00
290.00	-1.47	-2.22	-3.40	-4.64	-1.84	-1.45	0.61	290.00
295.00	-1.55	-2.23	-3.76	-4.05	-1.57	-1.72	0.25	295.00
300.00	-1.49	-2.18	-3.09	-3.59	-1.03	-0.44	0.62	300.00
305.00	-1.34	-2.04	-2.49	-3.04	-0.35	0.51	1.48	305.00
310.00	-1.12	-1.88	-2.65	-2.41	0.42	1.60	2.55	310.00
315.00	-0.98	-1.77	-2.32	-1.70	1.29	2.75	3.67	315.00
320.00	-1.04	-1.64	-1.91	-0.99	2.21	3.96	4.77	320.00
325.00	-1.28	-1.43	-1.43	-0.29	3.15	5.26	5.86	325.00
330.00	-1.41	-1.15	-0.64	0.42	4.16	6.49	7.04	330.00
335.00	-1.31	-0.92	-0.49	1.18	5.17	7.62	8.19	335.00
340.00	-1.14	-0.67	-0.02	1.91	5.97	8.48	9.11	340.00
345.00	-1.10	-0.98	0.46	2.43	6.25	8.76	9.27	345.00
350.00	-1.13	-1.19	0.79	2.77	6.26	8.27	8.81	350.00
355.00	-1.14	-1.39	0.82	2.82	5.85	7.40	8.25	355.00

STATIC COMPONENTS

1.14 2.47 5.27 10.15 10.71 13.52 12.82

BLADE LOADS

TEST 498

CNTR NO. 404

T.C.N. 09

C.R. 34

SPAN STATION

DEG 52.5 79.8 119.7 159.3 178.5 189.0 199.5

DYNAMIC COMPONENTS

0.0	0.20	0.29	1.71	4.38	2.82	3.47	3.45	0.0
5.25	0.27	0.31	1.48	4.04	2.19	2.99	2.98	5.25
10.50	0.30	0.30	1.31	3.28	1.19	2.10	2.01	10.50
15.75	0.33	0.59	1.22	2.25	0.39	1.14	0.81	15.75
21.00	0.47	0.61	1.21	1.53	0.09	0.32	-0.39	21.00
26.25	0.37	0.57	1.20	1.26	-0.27	-0.33	-1.31	26.25
31.50	0.22	0.53	1.11	1.02	-0.49	-0.76	-1.86	31.50
36.75	0.11	0.72	0.89	0.34	-0.44	-0.89	-2.03	36.75
42.00	0.12	1.22	1.07	1.31	-0.49	-0.78	-1.98	42.00
47.25	0.37	1.47	1.35	1.15	-0.51	-0.94	-1.81	47.25
52.50	0.89	1.14	1.50	1.39	-0.44	-0.31	-1.62	52.50
57.75	0.95	0.35	1.46	1.62	-0.29	-0.16	-1.53	57.75
63.00	0.84	0.74	1.39	1.71	-0.28	-0.28	-1.68	63.00
68.25	0.79	1.49	1.33	1.62	-0.30	-0.57	-2.18	68.25
73.50	0.70	1.87	1.15	1.39	-0.92	-1.35	-3.24	73.50
78.75	0.72	1.53	0.91	0.99	-1.53	-2.38	-4.61	78.75
84.00	0.51	0.75	0.65	0.41	-2.34	-3.52	-6.04	84.00
89.25	-0.09	0.74	1.11	-0.32	-3.28	-4.49	-6.72	89.25
94.50	0.39	1.76	0.28	-0.85	-4.05	-4.94	-6.18	94.50
99.75	1.35	1.32	-0.55	-1.43	-3.57	-5.13	-2.41	99.75
105.00	1.37	0.67	1.72	-2.73	-4.84	-1.31	2.45	105.00
110.25	0.46	0.16	1.36	-0.40	-2.32	2.44	4.58	110.25
115.50	0.17	0.93	0.14	0.28	1.23	2.92	5.79	115.50
120.75	0.07	1.46	-0.72	-0.35	1.75	2.87	7.21	120.75
126.00	0.40	1.98	1.16	-0.33	1.64	3.85	7.10	126.00
131.25	0.85	1.37	1.05	1.13	0.36	5.30	5.40	131.25
136.50	1.13	1.23	1.70	2.31	1.24	5.84	3.27	136.50
141.75	1.22	1.26	1.30	1.86	2.28	5.32	2.01	141.75
147.00	1.15	1.51	1.30	1.33	2.93	3.86	1.59	147.00
152.25	1.04	1.76	0.94	1.22	3.05	3.25	0.84	152.25
157.50	1.01	1.97	1.17	1.21	2.89	2.44	0.08	157.50
162.75	0.26	1.43	1.48	1.32	2.39	1.89	-0.46	162.75
168.00	0.92	1.65	1.73	1.34	2.27	1.41	-0.79	168.00
173.25	0.93	1.41	1.83	1.45	2.09	1.20	-0.95	173.25
178.50	0.96	1.25	1.73	1.52	1.98	0.72	-0.98	178.50
183.75	1.00	1.14	1.42	1.58	1.98	0.55	-0.92	183.75
189.00	1.31	1.14	1.01	1.64	1.79	0.49	-0.76	189.00
194.25	0.98	1.17	0.59	1.67	1.73	0.51	-0.54	194.25
199.50	0.92	0.93	0.24	1.54	1.68	0.52	-0.37	199.50
204.75	0.84	0.86	0.08	1.25	1.49	0.42	-0.29	204.75
210.00	0.71	0.39	-0.39	0.91	1.11	0.37	-0.37	210.00
215.25	0.48	0.15	-0.56	0.48	0.49	-0.41	-0.56	215.25
220.50	0.18	-0.69	-0.18	-0.38	0.24	-0.84	-0.80	220.50
225.75	-0.11	-0.32	-1.69	-0.34	0.72	-1.25	-1.05	225.75
231.00	-0.31	-0.58	-1.27	-1.38	-0.15	-1.44	-1.29	231.00
236.25	-0.51	-0.88	-1.35	-1.35	-0.19	-1.58	-1.45	236.25
241.50	-0.74	-1.17	-1.31	-1.51	-0.10	-1.57	-1.49	241.50
246.75	-0.96	-1.39	-1.22	-1.60	0.14	-1.34	-1.33	246.75
252.00	-1.14	-1.52	-1.12	-1.64	0.51	-0.91	-0.92	252.00
257.25	-1.23	-1.62	-1.11	-1.72	1.01	-0.32	-0.30	257.25
262.50	-1.27	-1.77	-1.23	-1.94	1.47	0.55	0.39	262.50
267.75	-1.30	-1.96	-1.49	-2.70	1.55	1.43	1.25	267.75
273.00	-1.32	-2.07	-2.01	-2.40	0.94	2.13	2.17	273.00
278.25	-1.43	-2.34	-2.58	-2.17	0.71	2.16	3.12	278.25
283.50	-1.51	-1.97	-2.46	-1.54	-0.94	1.34	3.91	283.50
288.75	-1.28	-1.99	-3.19	-1.72	-1.56	-0.18	3.93	288.75
294.00	-1.25	-1.94	-3.22	-4.67	-1.23	-2.44	2.62	294.00
299.25	-1.25	-1.45	-2.79	-5.25	-1.31	-1.96	0.86	299.25
304.50	-1.28	-2.71	-2.68	-4.77	-3.63	-2.41	-0.16	304.50
309.75	-1.32	-2.13	-2.57	-3.95	-5.36	-4.78	-1.78	309.75
315.00	-1.35	-2.30	-3.44	-3.82	-4.84	-6.00	-3.84	315.00
320.25	-1.37	-2.42	-3.57	-5.21	-3.97	-5.59	-4.53	320.25
325.50	-1.34	-2.36	-3.16	-4.67	-3.44	-4.62	-4.09	325.50
330.75	-1.33	-2.14	-2.52	-3.72	-2.48	-3.52	-3.05	330.75
336.00	-1.27	-1.99	-1.49	-2.01	-2.12	-2.41	-1.77	336.00
341.25	-1.44	-1.86	-0.34	-1.48	-1.19	-1.26	-0.63	341.25
346.50	-0.95	-1.71	-0.77	-1.13	-0.16	-0.14	0.39	346.50
351.75	-0.97	-1.37	-0.61	-0.95	1.16	0.71	1.29	351.75
357.00	-0.84	-1.43	-0.51	1.34	2.28	1.33	2.08	357.00
362.25	-0.23	-0.43	1.11	2.89	2.16	2.23	2.73	362.25
367.50	0.25	-0.14	1.71	3.58	2.28	2.78	3.19	367.50
372.75	0.21	-0.20	2.90	3.92	2.70	3.35	3.29	372.75

STATIC COMPONENTS

2.95 4.53 8.03 12.22 12.66 16.18 14.92

BLADE LOADS

TEST 498

CNTR NO. 419

T.C.N. 10

C.R. 35

SPAN STATION

DEG 92.5 79.8 119.7 153.3 178.5 189.0 199.5

DYNAMIC COMPONENTS

0.0	0.14	0.68	1.67	3.35	2.49	2.74	2.63	3.2
5.0	0.01	0.71	1.61	2.55	1.39	1.64	1.21	5.02
10.0	-0.17	1.11	1.24	1.76	0.52	0.59	0.10	10.00
15.0	0.04	1.43	1.21	1.29	-0.02	-0.29	-0.79	15.00
20.0	0.49	1.19	1.16	1.99	-0.42	-0.73	-1.44	20.00
25.0	0.71	0.73	0.99	1.15	-0.64	-1.02	-1.66	25.00
30.0	0.62	0.52	1.03	1.25	-0.74	-1.05	-2.07	30.00
35.0	0.62	0.66	1.21	1.32	-0.73	-0.96	-2.14	35.00
40.0	0.29	1.43	1.36	1.45	-0.71	-0.87	-2.15	40.00
45.0	0.29	1.16	1.37	1.51	-0.74	-0.89	-2.19	45.00
50.0	0.32	0.87	1.33	1.40	-0.83	-1.07	-2.41	50.00
55.0	0.41	1.07	1.20	1.21	-1.07	-1.55	-3.02	55.00
60.0	0.58	1.52	1.06	0.95	-1.45	-2.33	-4.05	60.00
65.0	0.55	1.44	0.92	0.56	-2.06	-3.23	-5.43	65.00
70.0	0.37	0.97	0.75	0.94	-2.78	-4.22	-6.94	70.00
75.0	0.04	0.43	0.48	-0.44	-3.45	-5.13	-7.83	75.00
80.0	-0.28	0.76	-0.05	-0.97	-3.77	-5.85	-7.25	80.00
85.0	0.17	1.46	-0.53	-1.54	-3.72	-5.48	-3.00	85.00
90.0	0.99	1.14	0.24	-2.32	-3.91	-2.23	2.90	90.00
95.0	0.92	0.52	1.49	-0.16	-2.67	1.78	4.60	95.00
100.0	0.52	0.13	0.70	1.07	0.22	2.43	5.60	100.00
105.0	0.29	1.31	-0.32	0.37	1.90	2.16	6.67	105.00
110.0	0.23	1.93	0.53	-0.37	0.91	3.37	5.24	110.00
115.0	0.28	1.76	1.81	0.58	0.53	4.04	4.66	115.00
120.0	0.78	1.26	1.83	2.18	0.80	5.02	3.46	120.00
125.0	1.44	0.96	1.19	2.51	1.78	5.33	2.58	125.00
130.0	1.33	0.91	0.77	2.03	2.45	4.25	1.78	130.00
135.0	1.28	1.02	0.59	1.59	2.63	5.27	0.94	135.00
140.0	1.03	1.10	0.54	1.24	2.45	2.42	0.10	140.00
145.0	0.80	1.54	0.67	1.06	2.14	1.68	-0.58	145.00
150.0	0.73	1.65	0.67	1.05	1.76	1.32	-0.98	150.00
155.0	0.70	1.44	1.28	1.34	1.56	0.53	-1.18	155.00
160.0	0.65	1.18	1.44	1.57	1.42	0.31	-1.22	160.00
165.0	0.61	0.99	1.45	1.12	1.33	0.24	-1.13	165.00
170.0	0.63	0.92	1.29	1.15	1.34	0.29	-0.92	170.00
175.0	0.67	0.94	1.02	1.14	1.39	0.34	-0.61	175.00
180.0	0.71	0.67	0.67	1.34	1.42	0.39	-0.33	180.00
185.0	0.68	0.45	0.31	0.73	1.33	0.36	-0.17	185.00
190.0	0.60	0.21	-0.61	0.44	1.11	0.24	-0.10	190.00
195.0	0.49	-0.02	-0.29	0.75	0.83	0.01	-0.15	195.00
200.0	0.37	-0.24	-0.53	-0.35	0.60	-0.27	-0.35	200.00
205.0	0.25	-0.44	-0.73	-0.79	0.42	-0.53	-0.59	205.00
210.0	0.06	-0.63	-0.86	-1.16	0.29	-0.76	-0.79	210.00
215.0	-0.17	-0.84	-0.90	-1.42	0.23	-0.94	-0.92	215.00
220.0	-0.40	-1.07	-0.69	-1.65	0.25	-1.02	-0.91	220.00
225.0	-0.58	-1.30	-0.84	-1.75	0.46	-0.90	-0.80	225.00
230.0	-0.68	-1.43	-0.81	-1.85	0.73	-0.61	-0.59	230.00
235.0	-0.76	-1.66	-0.69	-1.92	0.94	-0.14	-0.24	235.00
240.0	-0.83	-1.77	-1.21	-1.95	1.11	0.50	0.27	240.00
245.0	-0.89	-1.86	-1.60	-1.93	1.00	1.23	0.79	245.00
250.0	-0.92	-1.91	-2.03	-1.89	0.53	1.90	1.74	250.00
255.0	-0.91	-1.87	-2.39	-1.55	-0.34	2.39	2.78	255.00
260.0	-0.89	-1.76	-2.65	-1.16	-0.45	1.97	3.71	260.00
265.0	-0.88	-1.66	-2.81	-1.38	-1.35	0.44	4.14	265.00
270.0	-0.91	-1.61	-2.78	-3.13	-1.30	-1.25	3.64	270.00
275.0	-0.95	-1.71	-2.34	-4.41	-1.06	-2.06	2.12	275.00
280.0	-0.99	-1.87	-1.91	-4.43	-1.48	-2.51	-0.20	280.00
285.0	-1.01	-2.25	-2.46	-3.47	-3.43	-3.67	-1.91	285.00
290.0	-1.03	-2.16	-3.40	-3.34	-2.88	-4.77	-3.13	290.00
295.0	-1.07	-2.18	-3.46	-3.59	-3.45	-5.04	-4.14	295.00
300.0	-1.10	-2.13	-2.96	-3.85	-2.98	-4.53	-3.94	300.00
305.0	-1.13	-2.37	-2.40	-3.74	-2.34	-3.70	-3.02	305.00
310.0	-1.01	-2.33	-1.44	-2.30	-1.73	-2.69	-1.62	310.00
315.0	-0.92	-1.95	-0.70	-1.53	-1.37	-1.53	-0.84	315.00
320.0	-0.88	-1.76	-1.01	-0.76	-0.33	-0.56	0.21	320.00
325.0	-0.89	-1.36	-0.94	-0.11	0.46	0.50	1.15	325.00
330.0	-0.78	-0.84	-0.10	1.10	1.22	1.55	2.03	330.00
335.0	-0.60	-0.29	0.82	2.39	1.87	2.53	2.65	335.00
340.0	-0.48	0.28	1.57	3.47	2.47	3.35	3.42	340.00
345.0	-0.43	0.42	2.11	3.78	3.10	3.31	3.90	345.00
350.0	-0.26	0.79	2.40	3.71	3.59	4.15	4.28	350.00
355.0	-0.03	1.08	2.16	3.60	3.52	3.73	3.88	355.00

STATIC COMPONENTS

2.99 4.41 7.67 11.75 11.71 15.61 14.23

BLADE LOADS

TEST 504		CNTR NO. 269		T.C.N. 11		C.R. 62	
SPAN STATION							
DEG	52.5	79.8	119.7	153.5	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.3	-0.89	-0.84	1.47	2.44	4.30	5.53	5.32
5.30	-0.48	-0.72	1.28	2.00	3.01	4.64	3.77
10.00	-0.20	-0.97	1.31	1.42	2.07	3.31	2.26
15.30	0.08	-0.52	1.18	0.80	1.67	2.07	1.00
20.00	0.45	0.24	1.65	0.50	0.64	1.19	0.63
25.70	0.53	0.53	0.97	0.50	0.04	0.54	-0.43
30.00	0.18	0.27	0.97	0.61	-0.14	0.32	-1.03
35.30	-0.01	0.17	1.05	0.98	-0.10	0.33	-1.21
40.00	0.47	0.31	1.17	0.77	-0.04	0.36	-1.28
45.70	0.49	0.49	1.25	0.81	-0.06	0.35	-1.33
50.00	0.61	0.56	1.25	0.69	-0.24	0.28	-1.45
55.00	0.57	0.70	1.11	0.24	-0.62	-0.32	-1.77
60.00	0.50	0.77	0.74	-0.35	-1.06	-0.64	-2.52
65.00	0.33	0.69	0.37	-0.89	-1.65	-1.66	-3.58
70.70	-0.33	0.32	0.60	-1.23	-2.50	-2.93	-5.08
75.00	-0.45	0.77	1.01	-1.80	-3.27	-4.28	-6.45
80.00	0.37	1.67	0.56	-2.36	-4.51	-5.79	-8.15
85.00	1.34	1.49	-0.38	-1.61	-5.45	-6.67	-8.26
90.00	0.92	1.29	-0.83	-1.83	-4.08	-3.89	-4.37
95.00	0.56	1.03	0.94	-2.94	-2.41	-4.35	-1.27
100.00	0.48	0.49	1.31	-2.97	-2.57	-3.46	1.26
105.00	0.47	0.47	0.92	-1.10	-3.00	-0.43	4.74
110.00	0.45	1.70	0.52	0.12	-2.72	1.55	1.16
115.00	0.42	2.61	0.32	0.25	-1.18	1.76	-0.29
120.00	0.65	2.66	0.51	0.02	0.90	1.24	-1.11
125.00	1.29	2.52	1.38	-0.16	1.76	0.85	-1.68
130.00	1.86	2.51	2.11	-0.17	1.43	0.37	-1.94
135.00	1.91	2.49	2.49	-0.17	0.95	-0.15	-2.18
140.00	1.10	2.35	2.29	0.08	0.74	-0.48	-2.35
145.00	1.71	2.23	2.20	0.79	0.65	-0.59	-2.35
150.00	1.64	2.18	2.31	2.38	0.61	-0.55	-2.32
155.00	1.66	2.30	2.30	3.69	0.57	-0.64	-2.24
160.00	1.65	2.56	2.45	4.96	0.61	-0.53	-2.63
165.00	1.61	2.98	2.51	5.31	0.77	-0.28	-1.59
170.00	1.54	3.40	2.48	5.34	1.01	0.05	-1.04
175.00	1.44	3.58	2.32	5.11	1.29	0.41	-0.48
180.00	1.30	3.42	2.06	4.78	1.45	0.67	0.03
185.00	1.15	2.95	1.70	4.30	1.41	0.75	0.36
190.00	0.98	2.34	1.26	3.68	1.16	0.63	0.43
195.00	0.82	1.70	0.86	2.93	0.83	0.31	0.30
200.00	0.60	1.10	0.35	2.14	0.42	-0.13	0.07
205.00	0.34	0.54	-0.07	1.48	0.62	-0.57	-0.16
210.00	0.08	0.04	-0.43	1.01	-0.34	-0.96	-0.48
215.00	-0.19	-0.17	-0.71	0.76	-0.39	-1.30	-0.78
220.00	-0.45	-0.76	-0.96	0.65	-0.70	-1.51	-0.95
225.00	-0.69	-1.14	-1.17	0.62	-0.67	-1.49	-0.97
230.00	-0.85	-1.51	-1.34	0.63	-0.49	-1.32	-0.79
235.00	-0.97	-1.82	-1.52	0.65	-0.18	-1.06	-0.42
240.00	-1.05	-2.05	-1.70	0.58	0.21	-0.72	0.04
245.00	-1.11	-2.19	-1.91	0.12	0.68	-0.30	0.56
250.00	-1.13	-2.28	-2.15	-1.10	1.24	0.23	1.11
255.00	-1.11	-2.31	-2.40	-2.95	1.86	0.94	1.73
260.00	-1.08	-2.29	-2.63	-4.09	2.45	1.88	2.43
265.00	-1.04	-2.24	-2.82	-4.42	2.20	2.76	3.24
270.00	-1.04	-2.16	-2.95	-4.61	0.30	3.54	4.14
275.00	-1.06	-2.09	-2.94	-4.74	-2.93	1.15	5.09
280.00	-1.11	-2.11	-2.64	-4.70	-3.95	-3.47	3.44
285.00	-1.14	-2.28	-2.43	-4.61	-3.88	-5.00	-1.53
290.00	-1.17	-2.58	-3.34	-4.65	-3.41	-4.57	-3.74
295.00	-1.20	-2.79	-4.31	-5.01	-3.05	-3.79	-3.15
300.00	-1.25	-2.92	-4.40	-5.13	-2.84	-3.13	-2.05
305.00	-1.29	-2.97	-3.88	-4.58	-2.49	-2.54	-1.13
310.00	-1.26	-2.98	-3.25	-3.76	-1.74	-1.67	-0.35
315.00	-1.27	-2.93	-2.64	-2.87	-0.77	-0.61	0.40
320.00	-1.27	-2.73	-2.02	-1.82	0.22	0.54	1.44
325.00	-1.34	-2.34	-1.45	-0.18	1.11	1.70	3.09
330.00	-1.39	-1.87	-0.85	1.33	1.96	2.83	4.01
335.00	-1.34	-1.55	-0.22	1.31	2.91	4.11	4.93
340.00	-1.26	-1.34	0.42	1.79	3.94	5.17	5.87
345.00	-1.18	-1.17	1.11	2.60	4.59	5.80	6.62
350.00	-1.08	-0.99	1.63	3.06	4.80	6.01	6.92
355.00	-1.01	-0.76	1.70	2.92	4.58	5.83	6.57
STATIC COMPONENTS							
	2.87	4.55	7.63	12.74	12.27	15.15	13.86

TEXT NOT REPRODUCIBLE

BLADE LOADS

TEST 304		CNTR NO. 278		T.C.N. 12		C.R. 63	
SPAN STATION							
DEG	92.5	79.8	119.7	153.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	-0.90	-0.63	1.71	2.15	3.87	3.06	3.41
5.00	-0.23	-1.11	0.96	1.38	2.27	2.77	1.70
10.00	-0.00	-1.04	0.57	0.90	1.15	1.35	0.28
15.00	-0.21	-0.68	0.44	0.18	0.14	0.19	-3.74
20.00	-0.01	-0.20	0.41	-0.37	-0.53	-0.57	-1.52
25.00	0.53	-0.06	0.30	-0.50	-0.92	-0.96	-2.11
30.00	2.52	0.01	0.40	-0.45	-1.10	-1.07	-2.47
35.00	-0.09	0.01	0.48	-0.32	-1.15	-1.01	-2.57
40.00	-0.26	0.09	0.64	-0.22	-1.12	-0.93	-2.57
45.00	-0.02	0.23	0.75	-0.22	-1.10	-0.90	-2.99
50.00	0.10	0.37	0.70	-0.34	-1.19	-1.02	-2.78
55.00	0.04	0.48	0.50	-0.50	-1.42	-1.33	-3.27
60.00	-0.00	0.49	0.21	-0.99	-1.40	-1.97	-4.00
65.00	-3.09	0.32	0.09	-1.40	-2.01	-2.95	-5.18
70.00	-0.34	0.14	0.20	-2.00	-3.77	-4.41	-4.53
75.00	-0.5	0.60	0.20	-2.63	-4.05	-5.91	-7.02
80.00	-0.07	1.40	-0.34	-2.71	-5.15	-5.67	-5.65
85.00	0.99	1.14	-1.27	-2.30	-5.70	-4.34	-5.09
90.00	0.95	0.00	-0.05	-2.78	-3.55	-4.57	-2.99
95.00	0.57	0.71	0.76	-3.55	-2.79	-4.00	0.41
100.00	0.39	0.43	1.02	-2.02	-3.34	-2.85	1.40
105.00	0.41	0.64	0.00	-0.81	-3.38	0.25	0.67
110.00	0.40	1.03	0.21	-0.00	-2.50	1.08	-0.33
115.00	0.50	2.00	0.02	-0.07	-0.54	1.77	-0.99
120.00	0.76	2.40	0.39	-0.25	1.30	0.87	-1.47
125.00	1.14	2.41	1.57	-0.20	1.97	0.34	-1.75
130.00	1.41	2.31	2.44	-0.20	1.62	0.11	-1.90
135.00	1.00	2.27	2.49	-0.15	1.14	-0.87	-2.03
140.00	1.00	2.20	2.29	0.20	0.76	-0.24	-2.04
145.00	1.75	2.17	2.29	1.09	0.63	-0.39	-2.02
150.00	1.70	2.70	2.37	2.34	0.65	-0.40	-1.87
155.00	1.60	2.20	2.42	3.03	0.69	-0.28	-1.61
160.00	1.64	2.43	2.40	4.00	0.83	-0.02	-1.24
165.00	1.60	2.71	2.47	5.34	1.89	0.54	-0.00
170.00	1.53	3.07	2.70	5.42	1.41	0.77	-0.32
175.00	1.42	3.27	2.15	5.70	1.67	1.62	0.17
180.00	1.20	3.11	1.85	4.90	1.78	1.11	0.54
185.00	1.11	2.60	1.40	4.43	1.73	1.04	0.79
190.00	0.90	2.11	1.00	3.81	1.40	0.85	0.62
195.00	0.64	1.54	0.64	3.15	1.09	0.52	0.70
200.00	0.30	1.00	0.23	2.59	0.70	0.20	0.43
205.00	0.14	0.51	-0.14	1.90	0.30	-0.11	0.12
210.00	-0.03	0.03	-0.40	1.52	0.16	-0.34	-0.10
215.00	-0.22	-0.30	-0.80	1.30	-0.03	-0.57	-0.22
220.00	-0.30	-0.74	-1.02	1.27	-0.12	-0.60	-0.23
225.00	-0.56	-1.00	-1.19	1.27	-0.04	-0.67	-0.12
230.00	-0.72	-1.37	-1.32	1.20	0.15	-0.50	0.11
235.00	-0.82	-1.60	-1.47	1.13	0.49	-0.20	0.45
240.00	-0.80	-1.70	-1.64	0.55	0.92	0.24	0.80
245.00	-0.92	-1.91	-1.82	-0.45	1.40	0.45	1.39
250.00	-0.99	-1.99	-2.03	-2.43	1.95	1.19	1.99
255.00	-1.04	-1.99	-2.23	-3.05	2.53	1.94	2.69
260.00	-1.05	-1.91	-2.44	-4.01	2.47	3.03	3.54
265.00	-1.02	-1.81	-2.59	-3.90	2.05	3.68	4.45
270.00	-0.99	-1.81	-2.65	-4.04	-1.24	2.55	5.65
275.00	-0.99	-2.01	-2.54	-4.07	-3.16	-0.70	4.39
280.00	-1.01	-2.20	-2.47	-4.00	-3.20	-4.30	1.73
285.00	-1.03	-2.51	-2.99	-4.16	-3.04	-4.30	-2.04
290.00	-1.04	-2.60	-3.70	-4.32	-2.73	-3.35	-2.62
295.00	-1.03	-2.71	-3.91	-4.37	-2.44	-2.59	-1.72
300.00	-1.07	-2.67	-3.91	-4.01	-1.90	-1.99	-0.76
305.00	-1.10	-2.55	-2.97	-3.34	-1.35	-1.33	0.12
310.00	-1.14	-2.44	-2.44	-2.59	-0.60	-0.51	0.97
315.00	-1.26	-2.27	-1.92	-1.00	0.26	0.30	1.95
320.00	-1.34	-2.05	-1.55	-0.82	1.17	1.50	2.90
325.00	-1.31	-1.73	-0.81	0.11	2.15	2.51	3.91
330.00	-1.06	-1.40	-0.12	0.71	3.34	4.02	4.78
335.00	-0.76	-1.12	1.11	1.60	3.82	5.83	5.00
340.00	-0.73	-0.91	2.10	2.68	4.44	5.75	6.29
345.00	-0.70	-0.73	2.53	3.44	4.72	6.01	6.70
350.00	-0.60	-0.60	2.62	4.01	4.42	5.59	6.37
355.00	-0.40	-0.52	2.40	3.85	3.71	4.73	4.78
STATIC COMPONENTS							
	2.14	4.00	7.10	11.03	11.42	14.24	12.00

BLADE LOADS

TEST 504	CNTR NO. 311			T.C.N. 13		C.R. 64		
SPAN STATION								
DEG	52.5	9.8	119.7	153.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-0.77	-C.74	1.01	3.24	3.62	4.73	4.71	0.0
5.00	-0.27	-C.54	C.59	1.86	2.58	3.57	2.91	5.00
10.00	0.17	-C.67	1.07	0.89	1.98	2.45	1.37	10.00
15.00	0.20	-C.06	1.25	C.60	0.98	1.60	0.31	15.00
20.00	-0.13	C.38	1.20	C.65	0.49	1.06	-0.34	20.00
25.00	-0.35	C.34	1.10	C.73	0.36	0.84	-0.66	25.00
30.00	0.24	C.34	1.04	C.74	0.37	0.74	-0.86	30.00
35.00	0.48	C.40	1.08	0.66	0.43	0.72	-0.99	35.00
40.00	0.67	C.48	1.15	C.72	0.39	C.73	-1.13	40.00
45.00	0.44	C.64	1.24	C.50	0.19	0.51	-1.54	45.00
50.00	0.34	C.61	1.11	C.33	-0.73	0.07	-1.98	50.00
55.00	0.79	C.47	C.72	-C.66	-0.40	-0.49	-2.52	55.00
60.00	0.07	C.07	-C.14	-1.05	-1.67	-1.97	-3.40	60.00
65.00	-0.59	-C.12	C.61	-1.10	-3.17	-3.45	-4.75	65.00
70.00	-0.07	1.13	C.62	-2.45	-3.68	-5.01	-6.75	70.00
75.00	1.13	1.40	C.10	-3.49	-4.08	-4.19	-7.36	75.00
80.00	1.00	C.71	-1.05	-7.47	-6.04	-4.54	-9.82	80.00
85.00	0.97	C.63	-C.55	-2.50	-4.81	-5.07	-5.80	85.00
90.00	0.47	C.57	C.49	-3.64	-4.99	-4.54	-3.84	90.00
95.00	0.39	C.19	C.45	-3.68	-4.41	-5.41	-1.34	95.00
100.00	0.31	C.64	C.45	-2.02	-3.72	-2.78	0.11	100.00
105.00	0.22	1.05	C.10	-C.75	-3.49	-C.38	-0.07	105.00
110.00	0.40	2.14	-C.10	-C.74	-2.35	C.79	-1.17	110.00
115.00	1.77	2.09	C.77	-1.01	-0.49	-0.70	-2.29	115.00
120.00	1.04	2.23	1.44	-1.02	C.41	-0.93	-3.08	120.00
125.00	2.03	2.34	2.18	-1.11	0.32	-1.12	-3.30	125.00
130.00	1.96	2.77	2.06	-1.21	-0.05	-1.37	-3.44	130.00
135.00	1.49	2.13	1.76	-C.04	-0.20	-1.43	-3.57	135.00
140.00	2.75	2.03	1.41	C.24	-0.17	-1.41	-3.41	140.00
145.00	2.07	2.01	2.10	2.07	-0.10	-1.48	-3.20	145.00
150.00	1.44	2.75	2.74	3.98	-0.03	-1.33	-2.85	150.00
155.00	1.94	2.52	2.24	4.60	0.18	-C.94	-2.44	155.00
160.00	1.84	3.08	2.43	5.12	0.52	-C.90	-1.98	160.00
165.00	1.74	3.64	2.64	4.17	0.90	-C.12	-1.42	165.00
170.00	1.48	3.67	3.04	4.84	1.23	C.39	-0.76	170.00
175.00	1.59	3.45	2.78	4.61	1.47	0.75	-0.11	175.00
180.00	1.49	3.13	2.14	4.33	1.47	C.94	0.37	180.00
185.00	1.33	2.60	1.00	3.84	1.46	C.97	0.61	185.00
190.00	1.14	1.58	1.33	3.20	1.15	C.49	0.67	190.00
195.00	0.91	1.34	(.63)	2.49	0.74	0.17	0.54	195.00
200.00	0.54	C.37	C.44	1.75	0.35	-C.27	0.29	200.00
205.00	0.10	C.27	C.12	1.21	0.00	-0.49	-0.04	205.00
210.00	-0.27	-C.27	-C.20	C.81	-0.27	-1.01	-0.37	210.00
215.00	-0.47	-C.74	-C.49	0.62	-0.44	-1.70	-0.46	215.00
220.00	-2.48	-1.17	-C.74	0.54	-0.46	-1.74	-C.40	220.00
225.00	-0.40	-1.40	-1.00	C.52	-0.32	-1.10	-0.45	225.00
230.00	-1.01	-1.76	-1.24	C.48	-0.06	-0.41	-0.14	230.00
235.00	-1.08	-1.54	-1.51	C.74	0.30	-0.44	0.27	235.00
240.00	-1.17	-2.17	-1.00	C.69	C.74	-0.01	0.76	240.00
245.00	-1.74	-2.24	-2.06	0.00	1.27	C.49	1.33	245.00
250.00	-1.70	-2.34	-2.31	-1.35	1.87	C.99	1.93	250.00
255.00	-1.33	-2.44	-2.61	-3.23	2.45	1.54	2.47	255.00
260.00	-1.79	-2.49	-2.84	-4.45	3.07	2.36	3.28	260.00
265.00	-1.73	-2.51	-2.08	-4.85	1.97	3.47	4.41	265.00
270.00	-1.73	-2.53	-3.24	-4.95	-0.41	3.70	5.77	270.00
275.00	-1.24	-2.47	-3.70	-4.96	-3.13	-0.70	5.50	275.00
280.00	-1.74	-2.41	-2.11	-4.55	-3.69	-2.97	1.73	280.00
285.00	-1.41	-2.31	-2.25	-4.24	-3.50	-4.44	-2.52	285.00
290.00	-1.45	-2.74	-2.10	-4.05	-2.64	-3.79	-3.50	290.00
295.00	-1.43	-2.46	-2.74	-4.40	-1.98	-2.33	-2.38	295.00
300.00	-1.38	-2.54	-4.12	-4.68	-1.97	-1.41	-0.42	300.00
305.00	-1.75	-2.64	-3.81	-4.11	-1.60	-0.43	0.47	305.00
310.00	-1.24	-2.65	-3.04	-3.07	-0.62	C.37	1.47	310.00
315.00	-1.75	-2.44	-2.23	-1.87	0.44	1.44	2.48	315.00
320.00	-1.22	-2.37	-1.95	-C.63	1.87	3.05	3.63	320.00
325.00	-1.74	-1.88	-C.74	C.42	3.21	4.23	4.77	325.00
330.00	-1.04	-1.75	-C.74	2.14	3.23	4.47	5.70	330.00
335.00	-1.74	-1.02	C.30	3.58	3.84	5.45	6.59	335.00
340.00	-1.14	-C.57	C.55	4.05	4.85	6.43	7.33	340.00
345.00	-0.47	-C.83	1.59	3.88	4.37	6.44	7.74	345.00
350.00	-1.14	-C.26	1.79	3.90	4.12	6.40	7.57	350.00
355.00	-1.19	-C.74	1.49	4.41	4.50	5.85	4.43	355.00
STATIC COMPONENTS								
	2.34	4.74	7.40	13.29	12.35	15.64	14.42	

TEXT NOT REPRODUCIBLE

BLADE LOADS

TEST 504		CNTR NO. 329		T.C.N. 14		C.R. 65		
SPAN STATION								
DEG	32.5	79.8	119.7	153.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
C-0	-0.77	-0.74	1.47	2.44	2.11	2.40	4.74	0.0
5.00	-0.65	0.65	1.33	1.26	0.93	2.84	3.04	5.80
10.00	-0.74	0.27	1.47	1.41	0.46	1.53	1.73	10.00
15.00	0.07	-0.33	0.73	1.42	1.36	1.83	0.82	15.00
20.00	0.65	-0.33	0.65	0.65	1.65	2.24	0.46	20.00
25.00	0.61	0.43	0.43	1.05	1.19	2.25	0.13	25.00
30.00	0.89	0.10	2.30	2.25	1.40	1.44	0.46	30.00
35.00	0.54	-0.25	1.25	2.20	1.37	1.40	-0.46	35.00
40.00	0.87	0.45	0.45	0.44	0.74	1.46	-0.46	40.00
45.00	0.22	1.48	2.28	1.25	0.88	2.87	-0.87	45.00
50.00	0.76	1.34	0.44	1.34	-0.27	-0.47	-1.41	50.00
55.00	0.64	1.03	0.75	-0.64	-1.37	-0.19	-1.37	55.00
60.00	0.47	0.40	-0.70	-0.44	-0.49	-1.47	-3.44	60.00
65.00	0.05	0.33	1.00	0.12	-0.23	-3.03	-2.84	65.00
70.00	0.74	1.27	1.44	-2.57	-2.64	-2.51	-4.37	70.00
75.00	0.64	1.27	0.40	-2.11	-3.32	-4.50	-4.02	75.00
80.00	0.84	1.03	-0.65	-1.31	-4.37	-4.31	-2.03	80.00
85.00	0.65	1.13	0.25	-1.06	-3.44	-2.52	-1.03	85.00
90.00	0.67	0.50	1.47	-2.03	-2.14	-2.78	0.44	90.00
95.00	0.74	1.04	1.00	-1.71	-2.48	-1.37	1.80	95.00
100.00	1.17	0.27	0.71	-0.18	-3.34	0.80	1.07	100.00
105.00	1.48	0.67	1.02	-0.70	-0.89	2.37	1.16	105.00
110.00	1.87	0.67	1.04	-1.34	0.31	2.21	-0.02	110.00
115.00	2.21	0.44	1.84	-1.17	1.35	0.44	-0.87	115.00
120.00	2.34	0.44	1.47	-1.07	1.47	0.11	-2.34	120.00
125.00	2.21	0.44	0.01	-0.44	1.20	-0.34	-2.01	125.00
130.00	2.03	0.44	1.07	-0.04	0.89	-0.62	-3.34	130.00
135.00	2.24	0.33	1.41	0.81	0.44	-0.77	-2.44	135.00
140.00	2.14	0.44	1.24	2.14	0.44	-0.77	-2.44	140.00
145.00	1.44	0.44	1.07	3.40	0.72	-1.31	-3.40	145.00
150.00	2.04	0.44	1.07	4.44	0.72	-1.31	-3.40	150.00
155.00	2.02	0.14	2.14	4.72	0.71	-1.31	-3.40	155.00
160.00	1.47	0.33	0.33	4.34	0.74	-1.04	-3.40	160.00
165.00	2.01	0.44	2.14	4.47	0.37	-0.65	-3.14	165.00
170.00	1.47	0.44	1.47	4.34	0.64	-0.77	-3.40	170.00
175.00	1.44	0.17	1.75	3.70	0.74	-0.77	-3.40	175.00
180.00	1.47	0.44	1.71	3.17	0.44	-0.77	-3.40	180.00
185.00	1.27	0.44	1.40	2.47	0.22	-0.44	-3.40	185.00
190.00	0.65	1.40	0.44	1.00	-0.11	-0.90	-1.00	190.00
195.00	0.44	0.14	0.44	1.33	-0.44	-1.33	-1.33	195.00
200.00	0.05	0.24	0.24	0.44	-0.70	-1.04	-1.44	200.00
205.00	-0.27	-0.14	-0.34	0.30	-1.00	-1.47	-1.44	205.00
210.00	-0.44	-0.64	-0.44	0.65	-1.24	-1.00	-1.74	210.00
215.00	-0.65	-0.20	-0.70	-0.14	-1.33	-1.07	-1.67	215.00
220.00	-0.60	-0.44	-0.14	-0.14	-1.00	-1.00	-1.44	220.00
225.00	-1.11	-1.79	-1.70	-0.72	-0.88	-1.40	-1.10	225.00
230.00	-1.25	-2.00	-1.84	-0.14	-0.88	-1.38	-0.70	230.00
235.00	-1.47	-2.31	-1.84	-0.34	-0.74	-1.00	-0.72	235.00
240.00	-1.41	-2.61	-2.00	-0.82	0.44	-0.44	0.22	240.00
245.00	-1.30	-2.14	-2.04	-1.33	0.64	0.74	0.40	245.00
250.00	-1.47	-2.34	-2.04	-1.00	1.44	1.00	1.44	250.00
255.00	-1.47	-2.74	-2.24	-4.17	1.89	1.04	1.14	255.00
260.00	-1.54	-2.71	-2.44	-5.11	1.00	2.27	2.44	260.00
265.00	-1.54	-2.71	-2.44	-5.44	0.44	1.47	2.44	265.00
270.00	-1.47	-2.87	-2.40	-5.44	-0.71	-0.44	4.14	270.00
275.00	-1.47	-2.03	-2.24	-5.44	-0.37	-0.63	1.44	275.00
280.00	-1.47	-1.71	-2.54	-4.87	2.00	-0.37	-1.50	280.00
285.00	-1.47	-2.17	-2.44	-3.44	-0.78	-0.40	-1.07	285.00
290.00	-1.43	-2.71	-2.67	-4.24	-1.47	-1.71	-0.78	290.00
295.00	-1.47	-2.44	-2.44	-5.44	-2.70	-0.74	-0.78	295.00
300.00	-1.43	-2.61	-4.01	-5.44	-3.07	-4.00	-2.37	300.00
305.00	-1.43	-2.87	-5.44	-4.31	-3.07	-3.24	-1.37	305.00
310.00	-1.54	-2.27	-5.14	-2.04	-0.77	-0.44	1.34	310.00
315.00	-1.44	-2.27	-5.44	-1.63	2.07	2.66	2.37	315.00
320.00	-1.44	-2.00	-1.44	-0.77	3.10	1.41	1.77	320.00
325.00	-1.44	-1.44	-1.71	1.30	3.44	1.61	2.44	325.00
330.00	-1.47	-1.30	-0.71	2.84	2.84	1.47	3.20	330.00
335.00	-1.37	-0.44	0.20	2.24	4.21	0.84	3.00	335.00
340.00	-1.44	-0.44	1.14	2.44	4.27	0.71	2.44	340.00
345.00	-1.43	0.14	1.44	4.44	4.27	2.21	2.74	345.00
350.00	-1.24	0.74	1.41	5.14	4.23	4.44	4.44	350.00
355.00	-1.00	0.20	1.24	4.27	3.40	4.44	4.25	355.00
STATIC COMPONENTS								
	2.44	0.44	0.74	1.47	1.40	1.44	1.74	

BLADE LOADS

TEST 494	CNTR NO. 958		T.C.N. 15		C.R. 67		
SPAN STATION							
DEG	52.3	79.6	119.7	159.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
C.3	-1.04	C.07	1.04	1.04	2.01	2.05	4.05
5.00	-0.87	-C.06	0.87	0.87	1.80	1.86	3.86
10.00	-0.77	C.17	0.77	0.77	1.68	1.73	3.42
15.00	-0.74	C.47	C.44	2.77	0.10	0.11	1.05
20.00	0.00	C.76	1.77	1.44	4.47	6.34	4.27
25.00	0.00	C.04	2.75	1.00	2.77	3.78	3.27
30.00	1.76	C.24	2.74	2.01	2.04	2.75	0.11
35.00	1.76	C.42	1.00	4.24	4.47	4.00	1.00
40.00	0.00	C.74	C.23	1.78	2.75	2.12	1.00
45.00	0.01	1.12	1.12	C.00	C.00	1.04	-0.07
50.00	0.02	1.26	2.04	2.00	1.00	1.06	-1.00
55.00	0.70	1.71	1.00	C.54	-1.70	-2.12	-2.04
60.00	0.00	1.00	C.04	-1.77	-1.77	-C.21	-2.00
65.00	0.00	1.07	2.75	C.21	-2.07	-2.10	3.00
70.00	C.04	1.30	2.04	-1.71	-4.04	-1.77	-2.00
75.00	1.11	1.81	1.25	-2.70	-2.40	-2.10	-2.21
80.00	1.21	1.04	C.41	-C.40	-3.02	-1.04	-0.74
85.00	1.19	1.70	C.04	-C.70	-3.04	-C.00	0.00
90.00	1.12	1.00	1.00	-2.01	-1.77	-1.00	C.00
95.00	1.25	1.70	1.25	-1.00	-2.70	-1.34	1.00
100.00	1.00	2.22	C.04	C.01	-2.00	1.22	2.00
105.00	1.00	2.71	1.07	C.14	-1.75	2.07	1.04
110.00	2.17	2.10	1.27	-C.04	-C.10	2.00	0.00
115.00	2.24	2.10	1.04	-C.02	1.04	1.01	-0.02
120.00	2.00	2.00	2.04	-C.07	2.04	1.02	-0.07
125.00	2.00	2.00	-0.00	-C.07	2.00	1.74	-1.30
130.00	2.70	2.00	2.04	C.00	2.50	C.02	-2.10
135.00	2.00	2.00	1.00	1.00	1.07	-C.14	-2.04
140.00	2.00	2.27	1.04	2.77	C.00	-C.00	-2.00
145.00	2.00	2.00	1.00	2.07	C.01	-1.10	-3.24
150.00	2.00	2.00	1.07	4.14	C.12	-1.02	-1.04
155.00	2.00	2.00	2.27	4.17	-0.10	-1.00	-3.02
160.00	2.00	2.00	2.70	4.14	-C.04	-1.00	-2.01
165.00	2.00	2.00	2.25	2.00	-0.07	-2.00	-2.20
170.00	2.12	2.00	2.00	2.00	-C.00	-2.00	-2.14
175.00	1.00	2.00	1.00	2.04	-C.00	-2.00	-2.00
180.00	1.00	2.00	1.00	2.00	-C.00	-2.10	-2.00
185.00	1.00	2.00	1.00	2.00	-1.14	-2.07	-2.00
190.00	1.00	2.00	1.00	2.00	-1.00	-2.00	-2.00
195.00	1.00	2.00	1.00	2.00	-1.00	-2.00	-2.00
200.00	0.00	0.00	0.00	0.00	-1.00	-2.00	-2.00
205.00	0.00	0.00	0.00	0.00	-1.00	-2.00	-2.00
210.00	-0.21	-0.00	-0.21	-0.21	-0.21	-0.21	-0.21
215.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
220.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
225.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
230.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
235.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
240.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
245.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
250.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
255.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
260.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
265.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
270.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
275.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
280.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
285.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
290.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
295.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
300.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
305.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
310.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
315.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
320.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
325.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
330.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
335.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
340.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
345.00	-2.00	-0.00	-2.00	-2.00	-2.00	-2.00	-2.00
350.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
355.00	-1.00	-0.00	-1.00	-1.00	-1.00	-1.00	-1.00
STATIC COMPONENTS							
2.04	1.00	10.00	17.00	19.70	22.27	21.24	

BLADE LOADS

TEST 505

CNTR NO. 354

T.C.N. 16

C.R. 64

DEG	SPAN STATION					
	52.5	79.8	119.7	149.3	178.5	189.0
DYNAMIC COMPONENTS						
0.0	-0.06	-0.65	-0.99	-0.04	-0.68	-1.44
5.00	0.12	-0.13	-0.20	-1.17	-0.59	-1.16
10.00	0.52	0.16	0.03	-0.69	-0.47	-0.73
15.00	0.79	0.28	-0.36	-0.63	-0.77	-0.43
20.00	0.63	0.34	-0.50	-0.71	-1.26	-0.01
25.00	0.44	0.18	-0.91	-0.64	-1.71	-1.63
30.00	0.21	0.10	-0.65	-0.73	-1.76	-2.00
35.00	0.11	0.37	-0.00	-0.93	-1.92	-1.66
40.00	0.29	0.53	-0.04	-1.02	-1.22	-1.57
45.00	0.31	0.30	-0.00	-0.97	-1.09	-1.20
50.00	0.25	0.07	-0.04	-0.07	-1.18	-1.54
55.00	0.33	0.01	-0.06	-0.74	-1.70	-1.43
60.00	0.59	0.02	-0.69	-0.58	-1.56	-1.33
65.00	0.82	0.07	-0.44	-0.38	-1.07	-1.33
70.00	0.91	0.19	-0.25	-0.15	-0.82	-1.03
75.00	0.09	0.35	-0.00	0.04	-0.54	-0.64
80.00	0.01	0.52	0.10	0.24	-0.20	-0.20
85.00	0.68	0.67	0.32	0.42	-0.03	0.63
90.00	0.63	0.82	0.54	0.50	0.17	0.91
95.00	0.65	0.94	0.60	0.67	0.30	1.12
100.00	0.69	1.02	0.75	0.70	0.39	1.26
105.00	0.75	1.05	0.76	0.70	0.44	1.31
110.00	0.73	1.02	0.74	0.69	0.43	1.26
115.00	0.69	0.96	0.71	0.64	0.35	1.11
120.00	0.66	0.87	0.67	0.60	0.22	0.99
125.00	0.66	0.79	0.60	0.49	-0.02	0.50
130.00	0.64	0.75	0.51	0.35	-0.33	-0.24
135.00	0.56	0.76	0.41	0.20	-0.62	-0.16
140.00	0.46	0.77	0.32	0.11	-0.86	-0.56
145.00	0.40	0.73	0.24	-0.03	-1.05	-0.93
150.00	0.30	0.67	0.17	-0.19	-1.22	-1.30
155.00	0.38	0.59	0.15	-0.35	-1.35	-1.63
160.00	0.37	0.55	0.17	-0.44	-1.44	-1.89
165.00	0.34	0.59	0.22	-0.40	-1.55	-2.04
170.00	0.31	0.60	0.32	-0.41	-1.54	-2.11
175.00	0.30	0.74	0.43	-0.20	-1.40	-2.11
180.00	0.31	0.75	0.52	-0.16	-1.23	-2.01
185.00	0.33	0.73	0.62	-0.06	-1.07	-1.85
190.00	0.32	0.73	0.73	0.09	-0.90	-1.61
195.00	0.31	0.75	0.80	0.24	-0.67	-1.30
200.00	0.31	0.75	0.82	0.30	-0.39	-0.94
205.00	0.33	0.67	0.81	0.45	-0.04	-0.53
210.00	0.31	0.55	0.76	0.52	0.27	-0.13
215.00	0.19	0.37	0.69	0.51	0.53	0.25
220.00	0.03	0.25	0.61	0.45	0.75	0.60
225.00	-0.11	0.13	0.51	0.39	0.92	0.80
230.00	-0.22	-0.01	0.40	0.34	1.07	1.14
235.00	-0.32	-0.10	0.27	0.31	1.20	1.37
240.00	-0.44	-0.35	0.14	0.29	1.32	1.56
245.00	-0.54	-0.50	0.04	0.27	1.43	1.70
250.00	-0.62	-0.62	0.00	0.22	1.53	1.84
255.00	-0.68	-0.71	-0.04	0.19	1.62	1.97
260.00	-0.73	-0.70	-0.09	0.17	1.69	2.07
265.00	-0.79	-0.83	-0.13	0.17	1.70	2.15
270.00	-0.87	-0.84	-0.14	0.18	1.66	2.17
275.00	-0.95	-0.87	-0.13	0.20	1.63	2.13
280.00	-0.98	-0.89	-0.11	0.24	1.63	2.01
285.00	-0.97	-0.93	-0.12	0.20	1.64	1.81
290.00	-1.01	-0.90	-0.13	0.32	1.63	1.64
295.00	-1.10	-1.03	-0.13	0.34	1.58	1.50
300.00	-1.15	-1.06	-0.12	0.33	1.49	1.51
305.00	-1.15	-1.13	-0.14	0.30	1.34	1.39
310.00	-1.12	-1.13	-0.19	0.24	1.16	1.19
315.00	-1.05	-1.13	-0.30	0.22	1.02	0.97
320.00	-0.97	-1.00	-0.47	0.17	0.90	0.72
325.00	-0.93	-0.84	-0.64	0.09	0.79	0.40
330.00	-0.84	-0.67	-0.87	-0.04	0.67	0.23
335.00	-0.74	-0.54	-1.04	-0.20	0.47	-0.23
340.00	-0.77	-1.22	-0.98	-0.24	0.14	-0.42
345.00	-0.67	-1.63	-0.72	-0.18	-0.19	-0.72
350.00	-0.53	-1.79	-0.54	-0.24	-0.39	-0.44
355.00	-0.41	-1.31	-0.73	-0.40	-0.47	-1.33
STATIC COMPONENTS						
	1.65	5.07	7.39	8.11	5.54	6.65
						5.49

BLADE LOADS

TEST 903	CNTR NO. 907		T.C.N. 17		C.R. 59			
SPAN STATION								
DEG	52.5	79.8	119.7	155.3	178.5	189.8	199.5	
DYNAMIC COMPONENTS								
C-0	-1.72	-1.49	-1.10	-0.95	C-47	C-75	0.77	0.0
5.00	-0.54	-1.72	-1.13	-2.52	-C-12	0.58	-0.05	5.00
10.00	-0.44	-1.45	-1.33	-2.13	-1.78	-C-44	-1.13	10.00
15.00	-0.43	-1.41	-2.20	-2.40	-2.74	-1.98	-2.05	15.00
20.00	-0.43	-1.70	-2.18	-2.51	-2.70	-2.32	-2.40	20.00
25.00	-0.43	-1.77	-2.48	-2.62	-2.64	-2.07	-2.24	25.00
30.00	-0.74	-1.41	-2.37	-2.54	-2.18	-1.31	-1.81	30.00
35.00	-0.70	-1.47	-2.00	-1.42	-1.42	-C-41	-1.12	35.00
40.00	-0.61	-1.14	-1.50	-1.14	-C-64	C-24	-C-44	40.00
45.00	-0.41	-C-44	-1.03	-C-43	-0.44	C-42	0.05	45.00
50.00	-0.14	-C-71	-C-44	-C-07	C-27	1.25	C-27	50.00
55.00	-0.04	-C-44	-C-23	C-21	C-44	1.45	0.44	55.00
60.00	-0.03	-C-14	-C-04	C-34	C-34	1.40	0.34	60.00
65.00	-0.04	C-11	C-05	C-34	C-22	1.10	0.04	65.00
70.00	0.04	C-34	C-24	C-27	-C-00	C-44	-C-34	70.00
75.00	0.27	C-44	C-24	C-23	-C-40	C-27	-C-74	75.00
80.00	0.40	C-44	C-44	C-14	-C-46	-C-17	-1.17	80.00
85.00	0.41	1.04	C-44	C-13	-C-72	-C-53	-1.50	85.00
90.00	0.42	1.24	C-74	C-13	-C-77	-C-41	-1.77	90.00
95.00	1.02	1.42	C-41	C-16	-C-47	-1.00	-2.04	95.00
100.00	1.22	1.43	1.04	C-24	-1.04	-1.42	-2.44	100.00
105.00	1.42	2.12	1.12	C-27	-1.46	-2.04	-2.44	105.00
110.00	1.41	2.22	1.13	C-18	-1.74	-2.44	-2.44	110.00
115.00	1.74	2.24	1.04	-C-04	-2.15	-2.00	-2.44	115.00
120.00	1.64	2.37	C-44	-C-30	-2.40	-2.51	-4.34	120.00
125.00	1.63	2.44	C-44	-C-22	-2.40	-2.44	-4.44	125.00
130.00	1.44	2.44	C-00	-C-71	-2.37	-4.34	-4.44	130.00
135.00	2.04	2.44	2.04	-C-47	-2.44	-4.34	-4.44	135.00
140.00	2.04	2.44	1.13	-C-40	-2.44	-4.44	-4.14	140.00
145.00	2.04	2.44	1.24	-C-41	-2.44	-4.44	-4.12	145.00
150.00	1.44	2.37	1.27	-C-40	-2.40	-4.42	-4.01	150.00
155.00	1.44	2.34	1.44	-C-44	-2.70	-4.14	-4.74	155.00
160.00	1.41	2.34	1.34	-C-14	-2.44	-4.34	-4.34	160.00
165.00	1.44	2.44	2.02	C-14	-2.44	-4.34	-4.44	165.00
170.00	1.41	2.44	2.23	C-41	-2.07	-2.74	-2.34	170.00
175.00	1.44	2.34	2.34	C-74	-1.21	-2.17	-2.44	175.00
180.00	1.47	2.44	2.44	1.04	-C-40	-1.54	-1.42	180.00
185.00	1.70	2.33	2.47	1.33	-C-40	-C-44	-1.22	185.00
190.00	1.13	1.24	2.33	1.44	-C-04	-C-43	-0.41	190.00
195.00	0.43	1.44	2.13	1.44	C-44	-C-44	-0.04	195.00
200.00	0.34	1.23	1.44	1.44	C-44	C-22	C-37	200.00
205.00	0.42	1.01	1.44	1.33	C-44	C-44	0.72	205.00
210.00	0.37	C-31	1.24	1.34	C-44	C-44	1.01	210.00
215.00	0.70	C-34	C-44	1.14	1.04	C-41	1.74	215.00
220.00	0.17	C-44	C-34	1.04	1.14	C-44	1.40	220.00
225.00	0.03	-C-44	C-44	1.04	1.44	1.04	1.40	225.00
230.00	-0.17	-C-44	C-40	C-44	1.44	1.74	1.40	230.00
235.00	-C-47	-C-44	C-00	C-44	1.70	1.42	2.17	235.00
240.00	-C-47	-C-44	-C-47	C-74	2.04	1.70	2.43	240.00
245.00	-1.01	-1.27	-C-44	C-47	2.27	2.05	2.74	245.00
250.00	-1.72	-1.43	-C-41	C-41	2.45	2.44	2.17	250.00
255.00	-1.14	-1.42	-C-44	C-40	2.47	2.44	2.40	255.00
260.00	-1.14	-1.44	-C-44	C-44	2.47	2.44	2.44	260.00
265.00	-1.13	-1.44	-C-44	C-44	2.44	2.44	4.14	265.00
270.00	-1.14	-1.74	-C-44	C-14	2.40	2.40	4.24	270.00
275.00	-1.17	-1.42	-C-40	C-12	2.14	2.74	4.24	275.00
280.00	-1.24	-1.44	-C-44	C-44	2.44	2.44	4.04	280.00
285.00	-1.70	-1.44	-C-44	C-44	2.44	2.44	2.44	285.00
290.00	-1.77	-1.44	-1.11	C-02	1.47	2.77	2.44	290.00
295.00	-1.72	-2.14	-1.14	C-00	1.04	2.37	2.44	295.00
300.00	-1.21	-2.34	-1.14	C-00	2.02	2.30	2.34	300.00
305.00	-1.14	-2.44	-1.17	C-00	2.40	2.30	2.34	305.00
310.00	-1.24	-2.34	-1.14	C-13	2.17	2.34	2.14	310.00
315.00	-1.41	-2.34	-1.21	C-21	2.24	2.40	2.34	315.00
320.00	-1.43	-1.44	-1.24	C-27	2.27	2.47	2.34	320.00
325.00	-1.44	-1.44	-1.21	C-34	2.12	2.42	2.14	325.00
330.00	-1.44	-1.74	-1.23	C-24	1.47	2.24	2.44	330.00
335.00	-1.44	-1.42	-1.23	C-24	1.47	2.41	2.41	335.00
340.00	-1.72	-1.44	-1.14	C-21	1.40	1.74	2.41	340.00
345.00	-1.72	-C-74	-1.44	C-44	1.40	1.41	2.14	345.00
350.00	-1.14	-C-44	-1.42	C-44	C-41	C-42	1.44	350.00
355.00	-1.72	-1.44	-C-44	C-44	C-40	C-39	1.74	355.00
STATIC COMPONENTS								
0.14	1.44	0.44	0.14	-0.24	4.74	4.44		

BLADE LOADS

TEST 502 CNTR NO. 417 T.C.N. 18 C.R. 52								
SPAN STATION								
DEG	92.5	79.8	119.7	153.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	0.12	C.45	2.09	3.06	2.11	-1.04	-2.74	0.0
5.00	0.33	C.61	1.74	2.62	1.44	-1.67	-3.57	5.00
10.00	0.05	C.39	1.61	2.38	1.28	-2.14	-4.17	10.00
15.00	0.42	C.50	1.44	2.19	1.01	-2.47	-4.43	15.00
20.00	0.77	1.06	1.26	2.13	0.72	-2.75	-4.54	20.00
25.00	0.93	1.57	1.15	2.15	0.51	-3.04	-4.64	25.00
30.00	0.84	1.24	1.20	2.11	0.42	-3.74	-5.17	30.00
35.00	0.70	C.70	1.33	1.95	0.34	-3.38	-5.40	35.00
40.00	0.56	C.47	1.44	1.93	0.18	-3.45	-5.53	40.00
45.00	0.37	C.56	1.92	2.00	-0.02	-3.55	-5.64	45.00
50.00	0.28	C.76	1.60	1.95	-0.24	-3.67	-5.91	50.00
55.00	0.27	C.76	1.56	1.71	-0.47	-3.74	-5.97	55.00
60.00	0.17	C.44	1.27	1.34	-0.71	-3.75	-5.51	60.00
65.00	0.22	C.36	C.53	C.54	-1.09	-3.86	-5.25	65.00
70.00	0.35	C.67	C.65	C.53	-1.52	-4.40	-5.46	70.00
75.00	0.23	C.60	C.45	C.07	-1.94	-4.04	-6.50	75.00
80.00	-0.06	C.42	C.21	-C.43	-2.34	-5.59	-7.04	80.00
85.00	-0.09	C.73	C.07	-C.75	-2.80	-6.23	-7.44	85.00
90.00	0.05	C.15	-C.17	-C.55	-3.11	-7.13	-8.12	90.00
95.00	0.15	C.12	-C.26	-0.32	-3.03	-7.49	-6.79	95.00
100.00	0.05	C.06	-C.22	-0.76	-3.04	-7.90	-4.49	100.00
105.00	-0.01	-C.09	-C.44	-1.43	-3.49	-6.57	-2.64	105.00
110.00	-0.06	-0.23	-C.83	-2.02	-3.83	-6.57	-2.50	110.00
115.00	-0.07	-C.35	-C.56	-2.06	-3.93	-6.12	-1.34	115.00
120.00	-0.17	-C.42	-1.04	-2.01	-3.90	-4.62	0.72	120.00
125.00	-0.30	-C.48	-1.11	-2.03	-3.78	-3.50	1.59	125.00
130.00	-0.34	-C.52	-1.21	-2.03	-3.36	-3.49	2.49	130.00
135.00	-0.27	-C.44	-1.24	-1.95	-2.90	-2.35	4.55	135.00
140.00	-0.28	-C.57	-1.34	-1.84	-2.94	2.18	5.27	140.00
145.00	-0.29	-C.57	-1.37	-1.57	-3.15	6.35	5.24	145.00
150.00	-0.19	-0.49	-1.42	-1.37	-2.83	8.15	4.72	150.00
155.00	-0.22	-C.50	-1.28	-1.45	-1.99	9.74	4.30	155.00
160.00	-0.24	-C.15	-1.84	-1.71	-0.55	8.48	4.50	160.00
165.00	-0.15	.12	-1.52	-1.47	0.93	7.48	5.02	165.00
170.00	-0.00	C.31	-1.64	-1.42	0.65	5.96	4.22	170.00
175.00	0.01	C.37	-1.27	-1.60	-0.18	6.64	7.03	175.00
180.00	-0.17	C.30	-1.13	-1.54	0.58	5.20	7.47	180.00
185.00	-0.20	C.12	-1.06	-1.54	0.51	5.64	7.97	185.00
190.00	-0.20	-C.09	-1.34	-1.99	-0.17	9.42	7.75	190.00
195.00	-0.21	-C.22	-1.75	-2.05	0.21	8.72	7.19	195.00
200.00	-0.35	-C.55	-2.07	-2.63	1.50	8.09	6.33	200.00
205.00	-0.51	-C.75	-2.24	-3.17	2.88	7.45	5.78	205.00
210.00	-0.60	-C.69	-2.21	-3.14	4.12	7.49	4.04	210.00
215.00	-0.54	-1.11	-1.58	-2.75	5.18	6.53	4.54	215.00
220.00	-0.42	-1.15	-1.72	-2.41	5.47	5.80	4.94	220.00
225.00	-0.45	-1.23	-1.73	-1.80	4.14	4.56	4.62	225.00
230.00	-0.49	-1.28	-1.78	-1.35	1.44	4.99	4.43	230.00
235.00	-0.67	-1.21	-1.45	-1.77	-1.14	3.44	4.16	235.00
240.00	-0.64	-1.16	-1.40	-2.14	-2.50	0.84	7.49	240.00
245.00	-0.55	-1.05	-1.27	-1.89	-2.28	-0.44	1.70	245.00
250.00	-0.51	-1.01	-C.89	-1.61	-1.69	-1.52	1.55	250.00
255.00	-0.47	-C.55	-C.43	-1.29	-1.16	-2.43	1.58	255.00
260.00	-0.36	-C.92	-C.51	-0.82	-0.75	-2.71	0.82	260.00
265.00	-0.24	-C.72	-C.51	-C.43	-0.43	-2.56	-0.12	265.00
270.00	-0.14	-C.62	-C.75	-C.13	-0.04	-2.13	-0.33	270.00
275.00	-0.13	-C.49	-C.74	-0.07	0.34	-1.75	-0.48	275.00
280.00	-0.17	-C.25	-C.04	0.15	0.48	-1.75	-0.59	280.00
285.00	-0.19	-C.10	C.23	0.35	0.51	-1.64	-J.81	285.00
290.00	-0.16	-C.00	C.53	C.59	0.68	-1.32	-0.35	290.00
295.00	-0.12	C.04	C.44	C.82	0.98	-0.91	0.42	295.00
300.00	-0.07	C.05	1.74	1.17	1.37	-0.40	0.57	300.00
305.00	0.01	C.16	1.57	1.61	1.61	-0.65	-0.05	305.00
310.00	0.09	C.25	1.67	2.06	1.85	-0.65	-0.65	310.00
315.00	0.17	C.34	1.66	2.34	2.09	-0.40	-0.67	315.00
320.00	0.27	C.44	1.75	2.60	2.32	-0.36	-0.96	320.00
325.00	0.34	C.54	1.87	2.87	2.44	-0.31	-1.04	325.00
330.00	0.42	C.64	2.02	3.02	2.53	-0.25	-1.09	330.00
335.00	0.47	C.76	2.15	3.14	2.60	-0.10	-1.07	335.00
340.00	0.56	C.81	2.32	3.27	2.81	0.07	-0.96	340.00
345.00	0.75	1.11	2.44	3.46	3.01	0.23	-0.84	345.00
350.00	0.97	1.17	2.57	3.61	3.11	0.16	-1.07	350.00
355.00	0.97	C.51	2.54	3.45	2.80	-0.33	-1.69	355.00
STATIC COMPONENTS								
	2.00	2.74	5.42	8.30	11.24	15.49	18.04	

BLADE LOADS

TEST 903 CNTR NO. 391 T.C.N. 19 C.R. 60

SPAN STATION								
DEG	52.5	79.8	119.7	155.3	178.5	189.0	199.1	
DYNAMIC COMPONENTS								
0.0	0.43	1.05	2.24	3.25	2.56	-0.18	-3.77	0.0
5.0	0.38	0.95	2.02	3.05	2.29	-0.40	-4.17	5.0
10.0	0.30	0.69	1.84	2.83	2.04	-0.60	-4.57	10.0
15.0	0.55	1.44	1.71	2.69	1.69	-1.30	-4.99	15.0
20.0	0.69	2.32	1.43	2.60	1.34	-1.51	-5.39	20.0
25.0	0.74	0.30	1.61	2.54	1.12	-1.84	-5.73	25.0
30.0	0.67	0.32	1.61	2.40	0.90	-2.02	-5.96	30.0
35.0	0.45	0.32	1.65	2.38	0.87	-2.09	-5.91	35.0
40.0	0.24	0.34	1.62	2.24	0.73	-2.16	-5.61	40.0
45.0	0.33	0.43	1.59	2.11	0.56	-2.26	-5.59	45.0
50.0	0.30	0.55	1.52	1.99	0.36	-2.39	-5.02	50.0
55.0	0.24	0.63	1.36	1.83	0.14	-2.59	-4.20	55.0
60.0	0.10	0.67	1.16	1.52	-0.19	-2.85	-3.95	60.0
65.0	0.11	0.63	0.94	1.18	-0.62	-3.13	-3.38	65.0
70.0	0.17	0.54	0.73	0.63	-0.90	-3.39	-2.76	70.0
75.0	0.09	0.43	0.51	0.06	-1.44	-3.70	-2.04	75.0
80.0	0.01	0.33	0.25	-0.39	-2.11	-4.16	-1.33	80.0
85.0	-0.08	0.24	-0.05	-0.84	-2.70	-4.62	-0.59	85.0
90.0	-0.17	0.16	-0.32	-1.21	-3.39	-5.12	-0.05	90.0
95.0	-0.20	0.05	-0.52	-1.51	-3.87	-5.23	-0.25	95.0
100.0	-0.15	-0.07	-0.60	-1.72	-4.18	-5.60	-0.47	100.0
105.0	-0.15	-0.20	-0.83	-1.80	-4.24	-5.44	-1.44	105.0
110.0	-0.20	-0.31	-1.01	-1.73	-4.04	-5.30	-1.60	110.0
115.0	-0.26	-0.43	-1.18	-1.60	-3.72	-5.55	-2.21	115.0
120.0	-0.35	-0.51	-1.33	-1.65	-2.75	-5.21	-3.36	120.0
125.0	-0.43	-0.58	-1.42	-2.14	-1.78	-5.55	-4.36	125.0
130.0	-0.48	-0.65	-1.47	-2.13	-0.80	-5.30	-4.07	130.0
135.0	-0.45	-0.72	-1.50	-1.84	-0.70	-5.70	-4.96	135.0
140.0	-0.38	-0.76	-1.48	-1.62	-0.84	-5.32	-4.94	140.0
145.0	-0.29	-0.72	-1.45	-1.59	-0.76	-5.94	-4.93	145.0
150.0	-0.23	-0.62	-1.40	-1.62	-0.49	-2.30	-4.96	150.0
155.0	-0.15	-0.46	-1.34	-1.63	0.17	-3.12	-4.95	155.0
160.0	-0.01	-0.28	-1.24	-1.62	1.32	-3.31	-4.78	160.0
165.0	0.14	-0.13	-1.17	-1.60	2.60	-3.79	-4.49	165.0
170.0	0.27	0.01	-1.00	-1.50	3.09	-4.56	-4.29	170.0
175.0	0.31	0.12	-1.00	-1.51	3.81	-5.00	-4.42	175.0
180.0	0.27	0.20	-0.99	-1.35	4.31	-4.92	-4.74	180.0
185.0	0.23	0.19	-1.04	-1.22	4.61	-4.80	-5.03	185.0
190.0	0.22	0.06	-1.11	-1.23	3.81	-5.20	-5.30	190.0
195.0	0.20	-0.15	-1.20	-1.34	1.60	-6.17	-5.45	195.0
200.0	0.13	-0.34	-1.28	-1.43	-0.30	-6.80	-5.26	200.0
205.0	-0.02	-0.48	-1.35	-1.39	-1.31	-6.80	-4.83	205.0
210.0	-0.17	-0.60	-1.40	-1.36	-1.75	-6.62	-4.29	210.0
215.0	-0.28	-0.72	-1.45	-1.41	-2.06	-6.36	-3.69	215.0
220.0	-0.34	-0.84	-1.52	-1.53	-2.12	-6.51	-3.03	220.0
225.0	-0.39	-0.95	-1.59	-1.67	-1.94	-5.34	-2.55	225.0
230.0	-0.43	-1.02	-1.62	-1.93	-1.81	-4.96	-2.73	230.0
235.0	-0.49	-1.06	-1.64	-1.98	-1.94	-3.49	-3.42	235.0
240.0	-0.52	-1.05	-1.65	-2.05	-2.18	-0.23	-4.32	240.0
245.0	-0.50	-1.01	-1.65	-2.05	-2.39	-2.69	-4.81	245.0
250.0	-0.44	-0.93	-1.65	-2.22	-2.15	-3.99	-4.68	250.0
255.0	-0.39	-0.73	-1.57	-2.20	-1.94	-2.97	-4.71	255.0
260.0	-0.34	-0.59	-1.39	-1.77	-1.25	-0.21	-4.60	260.0
265.0	-0.30	-0.63	-1.12	-1.34	-1.18	1.23	-3.76	265.0
270.0	-0.26	-0.62	-0.84	-0.75	-1.22	-0.65	-2.50	270.0
275.0	-0.23	-0.45	-0.62	-0.15	-1.18	-2.18	-1.43	275.0
280.0	-0.20	-0.20	-0.45	-1.24	-1.52	-2.72	-0.19	280.0
285.0	-0.19	-0.04	-0.30	-0.89	-0.67	-2.30	-0.99	285.0
290.0	-0.17	0.00	-0.00	-0.47	-0.18	-1.87	-1.27	290.0
295.0	-0.17	0.18	0.42	-0.55	0.29	-1.66	-1.37	295.0
300.0	-0.16	0.23	0.90	0.61	0.61	-1.55	-1.11	300.0
305.0	-0.15	0.23	1.38	1.37	0.93	-1.25	-2.14	305.0
310.0	-0.11	0.26	1.74	2.07	1.32	-0.62	-1.35	310.0
315.0	-0.03	0.36	1.87	2.49	1.79	-0.25	-1.52	315.0
320.0	0.00	0.52	1.90	2.69	2.21	-0.11	-2.29	320.0
325.0	0.20	0.70	1.93	2.82	2.48	0.82	-2.73	325.0
330.0	0.28	0.84	2.00	3.02	2.64	0.12	-2.89	330.0
335.0	0.34	0.93	2.14	3.31	2.75	0.18	-2.87	335.0
340.0	0.38	1.05	2.32	3.44	2.83	0.33	-2.87	340.0
345.0	0.41	1.12	2.49	3.47	2.88	0.36	-2.91	345.0
350.0	0.44	1.18	2.55	3.44	2.93	0.33	-3.07	350.0
355.0	0.44	1.15	2.48	3.27	2.86	0.12	-3.30	355.0

1.09 2.90 5.30 8.36 10.57 14.66 17.66

STATIC COMPONENTS

BLADE LOADS

TEST 497

CNTR NO. 494

T.C.N. 20

C.R. 29

SPAN STATION

DEG	52.5	79.8	119.7	159.5	178.5	189.0	199.5
DYNAMIC COMPONENTS							
3.3	0.51	1.57	2.45	3.38	7.85	-0.12	-3.17
5.30	0.55	1.21	2.45	3.16	2.37	-0.78	-3.96
10.30	0.50	1.25	2.34	2.88	2.05	-1.25	-4.49
15.30	0.42	1.09	2.27	2.71	1.74	-1.62	-4.88
20.30	0.34	0.88	2.11	2.67	1.44	-2.03	-5.14
25.30	0.29	0.72	2.07	2.69	1.23	-2.23	-5.23
30.30	0.40	0.63	2.02	2.75	1.12	-2.23	-5.21
35.30	0.56	0.62	1.95	2.71	1.11	-2.17	-5.13
40.30	0.45	0.67	1.83	2.63	1.10	-2.17	-5.04
45.30	0.25	0.71	1.61	2.43	1.04	-2.14	-4.93
50.30	0.18	0.71	1.34	2.10	0.84	-2.15	-4.86
55.30	0.29	0.67	1.09	1.68	0.46	-2.34	-4.94
60.30	0.44	0.45	0.80	1.11	-0.08	-2.85	-5.30
65.30	0.51	0.42	0.50	0.43	-0.71	-3.55	-5.70
70.30	0.40	0.31	0.18	-0.20	-1.34	-4.33	-6.87
75.30	0.35	0.22	-0.18	-0.99	-2.11	-5.22	-6.86
80.30	0.25	0.15	-0.54	-1.45	-2.89	-6.26	-5.45
85.30	0.22	0.10	-0.86	-2.23	-3.64	-7.25	-4.15
90.30	0.16	0.04	-1.10	-2.44	-4.34	-7.84	-2.72
95.30	0.07	-0.36	-1.25	-2.82	-4.68	-8.21	-1.49
100.30	-0.01	-0.17	-1.22	-2.77	-4.88	-8.29	-0.52
105.30	-0.02	-0.25	-1.23	-2.24	-4.22	-6.85	1.06
110.30	-0.31	-0.31	-1.22	-1.75	-3.43	-4.17	2.20
115.30	0.32	-0.32	-1.22	-1.45	-2.74	-2.31	2.17
120.30	0.54	-0.30	-1.25	-1.34	-2.44	-2.60	2.04
125.30	0.60	-0.25	-1.27	-1.38	-2.38	-1.10	1.33
130.30	0.60	-0.25	-1.28	-1.44	-2.38	1.55	0.44
135.30	0.64	-0.31	-1.26	-1.53	-2.07	3.82	1.01
140.30	0.72	-0.35	-1.23	-1.62	-1.65	4.39	1.38
145.30	-0.01	-0.34	-1.17	-1.63	-1.19	4.13	1.58
150.30	-0.02	-0.24	-1.07	-1.50	-0.91	3.92	1.54
155.30	0.05	-0.15	-0.96	-1.39	-0.78	4.20	1.51
160.30	0.22	-0.06	-0.96	-1.24	-0.70	4.28	1.68
165.30	0.41	0.24	-0.83	-1.17	-0.53	4.69	1.91
170.30	0.51	0.16	-0.83	-1.17	-0.30	5.09	2.43
175.30	0.50	0.26	-0.84	-1.09	-0.06	5.53	3.01
180.30	0.65	0.32	-0.92	-1.06	0.13	6.03	3.50
185.30	0.30	0.24	-1.02	-1.03	0.18	6.35	3.74
190.30	0.33	0.19	-1.09	-1.02	-0.01	6.32	3.52
195.30	0.23	0.12	-1.17	-1.03	-0.20	6.16	3.23
200.30	0.36	0.33	-1.24	-1.11	-0.52	5.98	3.13
205.30	-0.15	0.32	-1.31	-1.31	-0.55	5.63	3.26
210.30	-0.33	0.69	-1.35	-1.64	-0.72	4.99	3.69
215.30	-0.47	0.84	-1.34	-2.00	-0.83	4.24	4.32
220.30	-0.56	0.96	-1.35	-1.98	-1.07	3.82	4.52
225.30	-0.62	1.04	-1.33	-1.93	-1.24	3.23	4.21
230.30	-0.64	1.10	-1.29	-2.33	-1.24	2.35	4.43
235.30	-0.68	1.09	-1.24	-2.15	-0.58	1.23	4.82
240.30	-0.69	1.04	-1.19	-2.20	-0.18	0.35	5.16
245.30	-0.68	0.99	-1.13	-2.19	-0.43	-0.17	4.56
250.30	-0.66	0.92	-1.17	-2.12	-0.71	-0.97	5.47
255.30	-0.63	0.85	-1.11	-1.96	-0.72	-1.95	3.34
260.30	-0.67	0.76	-0.96	-1.75	-0.81	-2.17	5.48
265.30	-0.56	0.64	-0.86	-1.45	-0.95	-2.53	6.99
270.30	-0.53	0.64	-0.79	-1.24	-0.64	-1.76	5.21
275.30	-0.51	0.59	-0.71	-0.95	-0.10	-1.04	2.67
280.30	-0.44	0.51	-0.68	-0.58	0.34	-1.22	0.75
285.30	-0.47	0.44	-0.44	-0.24	0.69	-1.22	-0.29
290.30	-0.45	0.44	-0.24	0.32	1.08	-1.16	-0.59
295.30	-0.46	0.45	0.05	0.39	1.50	-0.83	-0.44
300.30	-0.45	0.41	0.39	0.96	1.92	-0.40	-0.00
305.30	-0.41	0.24	0.74	1.58	2.31	-0.34	-0.02
310.30	-0.38	0.12	1.10	2.13	2.66	0.11	-1.03
315.30	-0.29	0.19	1.45	2.47	3.00	0.24	-1.83
320.30	-0.18	0.27	1.74	2.83	3.33	0.55	-1.93
325.30	-0.04	0.44	1.94	3.08	3.65	0.93	-1.50
330.30	0.05	0.60	2.09	3.32	3.93	1.24	-1.16
335.30	0.14	0.72	2.11	3.49	4.13	1.48	-1.04
340.30	0.21	0.80	2.13	3.57	4.21	1.54	-1.04
345.30	0.27	0.99	2.12	3.52	4.11	1.42	-1.18
350.30	0.33	1.08	2.16	3.63	3.89	1.33	-1.55
355.30	0.41	1.37	2.29	3.55	3.48	0.52	-2.24

STATIC COMPONENTS

0.28 2.94 4.30 7.33 9.31 14.52 15.89

BLADE LOADS

TEST 498	CNTR NO. 494				T.C.No. 21	C.R. 36	
SPAN STATION							
DEG	52.5	79.8	119.7	159.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	-0.03	0.35	0.02	1.41	1.21	1.18	0.91
5.30	0.17	0.05	1.03	0.90	0.43	0.39	0.06
10.30	0.40	-0.10	1.22	0.60	-0.17	-0.54	-0.05
15.30	0.50	0.13	0.89	0.37	-0.41	-1.27	-1.44
20.30	0.62	0.44	0.34	-0.07	-0.45	-1.02	-1.95
25.30	0.42	0.54	-0.01	-0.45	-1.71	-2.13	-2.43
30.30	0.15	0.50	-0.10	-0.66	-1.03	-2.13	-2.69
35.30	0.09	0.27	-0.25	-0.70	-1.73	-2.00	-2.69
40.30	0.16	-0.19	-0.22	-0.66	-1.74	-2.01	-2.58
45.30	0.13	-0.25	-0.12	-0.67	-1.75	-2.06	-2.47
50.30	-0.15	-0.04	-0.08	-0.54	-1.76	-2.05	-2.46
55.30	-0.13	-0.06	-0.11	-0.53	-1.71	-2.01	-2.42
60.30	0.10	-0.19	-0.20	-0.55	-1.69	-1.91	-2.25
65.30	0.26	-0.17	-0.29	-0.66	-1.71	-1.84	-1.99
70.30	0.22	-0.07	-0.39	-0.87	-1.74	-1.85	-1.82
75.30	0.15	0.03	-0.48	-1.11	-1.69	-1.86	-1.95
80.30	0.13	0.08	-0.54	-1.31	-1.68	-1.85	-2.11
85.30	0.22	0.15	-0.64	-1.39	-2.01	-1.87	-1.99
90.30	0.27	0.25	-0.70	-1.39	-1.88	-1.44	-1.64
95.30	0.30	0.39	-0.62	-1.26	-1.59	-0.83	-1.14
100.30	0.33	0.49	-0.49	-0.99	-1.17	-0.36	-0.54
105.30	0.40	0.54	-0.35	-0.64	-0.76	-0.05	0.07
110.30	0.47	0.62	-0.17	-0.36	-0.46	0.29	0.58
115.30	0.51	0.73	0.05	-0.08	-0.35	0.42	0.72
120.30	0.53	0.85	0.25	0.09	-0.32	0.85	0.56
125.30	0.54	0.97	0.32	0.16	-0.32	0.86	0.22
130.30	0.54	1.04	0.32	0.14	-0.34	0.93	-0.10
135.30	0.52	1.06	0.31	0.20	-0.38	0.28	-0.67
140.30	0.50	1.04	0.33	0.23	-0.44	-0.14	-1.16
145.30	0.49	1.04	0.36	-0.01	-0.51	-0.57	-1.61
150.30	0.50	1.11	0.44	-0.22	-0.56	-0.92	-1.96
155.30	0.54	1.21	0.56	0.22	-0.59	-1.17	-2.19
160.30	0.64	1.29	0.72	0.12	-0.58	-1.30	-2.27
165.30	0.72	1.36	0.87	0.33	-0.52	-1.29	-2.21
170.30	0.77	1.43	1.00	0.53	-0.37	-1.15	-1.97
175.30	0.80	1.51	1.12	0.80	-0.12	-0.89	-1.56
180.30	0.81	1.52	1.20	1.06	0.20	-0.54	-1.07
185.30	0.82	1.65	1.19	1.22	0.56	-0.15	-0.54
190.30	0.79	1.34	1.14	1.29	0.87	0.24	-0.07
195.30	0.74	1.17	1.06	1.29	1.13	0.63	0.33
200.30	0.66	0.94	0.94	1.24	1.31	0.90	0.59
205.30	0.56	0.74	0.80	1.22	1.45	1.00	0.75
210.30	0.42	0.51	0.65	1.15	1.55	1.05	0.86
215.30	0.26	0.26	0.50	1.02	1.62	1.07	0.97
220.30	0.04	0.04	0.39	0.86	1.68	1.12	1.11
225.30	-0.15	-0.15	0.28	0.67	1.72	1.27	1.27
230.30	-0.29	-0.33	0.17	0.49	1.75	1.36	1.47
235.30	-0.37	-0.48	0.05	0.33	1.78	1.56	1.70
240.30	-0.41	-0.63	-0.09	0.19	1.79	1.85	1.96
245.30	-0.45	-0.77	-0.30	0.09	1.74	2.20	2.28
250.30	-0.55	-0.89	-0.52	0.01	1.62	2.47	2.68
255.30	-0.65	-0.99	-0.71	-0.22	1.47	2.60	3.19
260.30	-0.73	-1.04	-0.89	-0.32	1.30	2.41	3.66
265.30	-0.79	-1.17	-1.02	-0.41	1.16	2.03	3.93
270.30	-0.74	-1.26	-1.11	-0.50	1.08	1.66	3.66
275.30	-0.82	-1.34	-1.15	-0.71	0.99	1.28	3.14
280.30	-0.93	-1.41	-1.15	-0.87	0.83	0.98	2.67
285.30	-0.96	-1.49	-1.23	-0.89	0.56	0.74	2.37
290.30	-0.95	-1.53	-1.25	-1.03	0.38	0.59	2.25
295.30	-0.94	-1.55	-1.21	-1.07	0.43	0.62	2.16
300.30	-0.96	-1.55	-1.15	-0.84	0.50	0.77	2.05
305.30	-0.99	-1.52	-1.04	-0.71	0.35	0.52	1.24
310.30	-0.97	-1.47	-1.04	-0.46	-0.23	-0.55	-0.22
315.30	-0.96	-1.39	-0.93	-0.75	-0.10	-0.10	0.58
320.30	-0.83	-1.24	-0.71	-0.37	0.20	-0.20	-0.19
325.30	-0.81	-1.13	-0.44	-0.13	0.25	-0.53	-0.01
330.30	-0.77	-0.96	-0.14	0.04	-0.03	0.33	1.15
335.30	-0.69	-0.80	0.14	0.26	0.54	1.08	1.13
340.30	-0.55	-0.63	0.39	0.63	1.04	0.99	0.61
345.30	-0.41	-0.42	0.58	1.24	1.13	0.84	0.53
350.30	-0.31	-0.21	0.69	1.71	1.07	0.67	0.92
355.30	-0.23	0.01	0.80	1.91	1.01	1.20	1.17
STATIC COMPONENTS							
	1.77	4.69	0.04	8.35	8.66	9.39	7.90

BLADE LOADS

TEST 902

CNTR NO. 383

T.C.No. 22

C.R. 51

SPAN STATION

DEG	92.5	79.8	119.7	153.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	0.95	1.65	2.62	3.98	4.45	5.11	3.61
5.00	1.08	1.91	2.60	3.78	4.28	4.42	2.73
10.00	1.13	2.00	2.70	3.45	3.80	3.49	1.64
15.00	1.05	2.07	2.76	3.33	3.13	2.46	0.30
20.00	1.14	2.21	2.80	2.95	2.21	1.28	-1.04
25.00	1.15	2.40	2.55	2.45	1.23	0.07	-2.22
30.00	1.43	2.59	3.01	1.91	0.33	-0.99	-2.84
35.00	1.37	2.45	2.91	1.71	-0.33	-1.64	-3.15
40.00	1.20	2.17	2.97	1.71	-0.64	-1.45	-3.20
45.00	0.95	1.81	2.50	1.56	-0.75	-1.99	-3.72
50.00	0.71	1.65	2.41	1.24	-0.91	-2.07	-4.54
55.00	0.40	1.74	2.19	1.12	-1.05	-2.51	-4.43
60.00	0.44	1.74	1.92	1.04	-1.54	-3.48	-6.03
65.00	0.52	1.57	1.34	0.65	-2.46	-5.01	-8.16
70.00	0.28	1.35	0.57	0.01	-3.40	-6.99	-10.27
75.00	0.34	1.24	0.61	-0.72	-4.08	-9.12	-11.19
80.00	0.48	1.11	0.29	-1.40	-4.50	-10.45	-9.63
85.00	0.39	0.90	-0.09	-2.50	-7.70	-10.46	-5.89
90.00	0.24	0.64	-0.44	-3.53	-8.52	-9.10	-0.29
95.00	0.18	0.28	-0.87	-4.57	-7.01	-7.74	4.72
100.00	0.23	0.04	-1.34	-5.65	-3.04	4.51	5.11
105.00	0.13	-0.17	-1.85	-4.70	1.79	8.44	3.57
110.00	-0.11	-0.43	-2.50	-3.75	4.40	7.37	1.09
115.00	-0.29	-0.98	-2.84	-2.96	4.90	3.40	0.43
120.00	-0.19	-0.60	-2.75	-0.07	2.67	1.7	0.05
125.00	-0.09	-0.50	-1.54	1.44	0.91	0.3	-0.74
130.00	-0.10	-1.43	-0.01	1.64	-0.15	-0.45	-1.64
135.00	-0.35	-1.92	0.24	1.04	-0.84	-1.14	-2.22
140.00	-0.50	-1.45	-0.65	0.73	-1.41	-1.43	-2.54
145.00	-0.56	-1.35	-1.64	0.44	-1.79	-1.78	-2.71
150.00	-0.64	-1.20	-1.72	0.21	-2.00	-1.78	-2.55
155.00	-0.92	-0.80	-1.14	0.77	-2.02	-1.54	-2.12
160.00	-0.92	-0.61	-1.05	0.46	-1.82	-1.34	-1.61
165.00	-0.85	-1.11	-1.63	0.57	-1.43	-0.87	-1.04
170.00	-0.67	-1.44	-1.52	0.70	-0.84	-0.33	-0.47
175.00	-0.48	-1.45	-1.63	0.95	-0.34	0.12	0.10
180.00	-0.27	-0.60	-1.54	1.07	-0.04	0.31	0.44
185.00	-0.22	-0.91	-1.15	1.14	0.00	0.30	0.87
190.00	-0.08	-0.64	-1.00	1.01	-0.04	0.21	0.89
195.00	-0.21	-0.74	-0.93	0.93	-0.13	0.11	0.84
200.00	-0.45	-0.33	-0.60	1.01	-0.14	0.08	0.74
205.00	-0.47	-0.70	-0.34	1.09	-0.04	0.14	0.66
210.00	-0.38	-0.10	-0.54	1.14	0.11	0.33	0.49
215.00	-0.43	-0.34	-1.14	1.27	0.28	0.51	0.47
220.00	-0.53	-0.63	-0.61	1.51	0.34	0.49	0.42
225.00	-0.61	-0.94	-0.57	1.45	0.45	0.43	0.41
230.00	-0.77	-1.20	-1.07	1.70	0.75	0.52	0.43
235.00	-0.80	-1.11	-0.13	2.14	1.14	0.76	0.74
240.00	-0.84	-0.98	0.87	2.74	2.04	1.33	1.33
245.00	-0.82	-1.01	1.24	2.03	3.16	2.78	2.24
250.00	-0.67	-0.63	1.27	2.84	4.45	3.40	3.24
255.00	-0.43	-0.84	0.24	1.46	5.63	4.64	4.22
260.00	-0.18	-1.00	-1.05	-0.63	6.60	6.17	5.24
265.00	0.14	-1.07	-1.00	-2.54	7.25	7.44	6.16
270.00	0.30	-0.51	-2.14	-1.84	8.96	8.26	6.27
275.00	0.20	-0.75	-2.10	-4.55	6.94	7.96	7.52
280.00	-0.03	-0.73	-2.00	-4.97	1.70	5.94	7.54
285.00	-0.17	-0.77	-1.70	-4.17	-2.20	2.40	6.37
290.00	-0.44	-0.65	-1.38	-4.03	-4.86	-1.67	4.14
295.00	-0.55	-0.63	-1.05	-4.21	-6.51	-4.44	2.01
300.00	-0.62	-0.54	-0.61	-4.40	-7.20	-8.54	-0.45
305.00	-0.42	-0.44	-0.67	-3.84	-8.78	-9.45	-2.85
310.00	-0.58	-0.38	-0.60	-3.07	-8.44	-8.19	-4.71
315.00	-0.44	-0.31	-0.65	-2.71	-7.65	-6.91	-4.54
320.00	-0.36	-0.27	-0.64	-1.30	-1.94	-3.74	-7.97
325.00	-0.24	-0.14	0.31	-0.34	-0.12	-0.84	-0.57
330.00	-0.04	0.10	0.49	0.57	1.36	1.70	1.43
335.00	0.14	0.37	1.02	1.46	2.59	3.50	2.70
340.00	0.23	0.45	1.61	2.37	3.44	4.12	3.74
345.00	0.25	0.70	2.05	3.07	4.24	4.95	4.23
350.00	0.40	1.04	2.78	3.54	4.77	5.47	4.67
355.00	0.75	1.76	2.87	3.87	4.87	5.44	4.74

STATIC COMPONENTS

1.11 3.35 5.49 8.74 11.01 11.45 17.06

BLADE LOADS

TEST 901	CNTR NO. 944				T.C.N. 23		C.R. 42	
SPAN STATION								
DEG	52.5	79.8	119.7	159.3	170.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-0.99	-3.34	-2.18	-1.29	0.57	0.91	0.78	3.02
5.0	-1.55	-2.57	-2.76	-1.43	-0.05	1.13	1.06	5.02
10.0	-1.64	-2.37	-3.10	-1.21	0.21	0.97	0.94	10.02
15.0	-1.28	-2.18	-2.68	-1.24	0.06	0.89	0.58	15.02
20.0	-0.88	-2.09	-2.09	-1.41	0.09	1.01	0.49	20.02
25.0	-0.92	-1.83	-1.75	-1.34	0.29	1.07	0.45	25.02
30.0	-1.30	-1.57	-1.43	-1.51	0.37	1.09	0.47	30.02
35.0	-0.81	-1.29	-0.96	-0.31	0.50	1.32	0.61	35.02
40.0	-0.62	-1.05	-0.62	0.25	0.94	1.70	0.87	40.02
45.0	-0.06	-0.76	-0.41	0.94	1.34	2.27	1.13	45.02
50.0	-0.55	-0.53	-0.12	1.24	1.75	2.84	1.51	50.02
55.0	-0.60	-0.47	0.24	1.54	2.08	3.17	1.94	55.02
60.0	-0.51	-0.39	0.44	1.79	2.27	3.41	2.19	60.02
65.0	-0.41	-0.25	0.54	1.94	2.34	3.58	2.16	65.02
70.0	-0.29	-0.08	0.60	2.02	2.24	3.21	1.90	70.02
75.0	-0.18	0.11	0.59	2.13	1.92	2.47	1.34	75.02
80.0	-0.05	0.27	0.61	2.33	1.40	1.54	0.41	80.02
85.0	0.11	0.41	0.70	1.47	0.76	0.68	-0.84	85.02
90.0	0.26	1.04	0.64	1.12	0.07	-0.38	-2.23	90.02
95.0	0.44	1.13	0.57	0.41	-0.57	-1.78	-3.59	95.02
100.0	0.72	1.47	0.52	0.51	-1.53	-3.02	-4.55	100.02
105.0	0.99	1.85	0.53	0.21	-2.56	-3.99	-5.30	105.02
110.0	1.26	2.09	0.55	0.38	-3.52	-4.85	-6.01	110.02
115.0	1.48	2.32	0.58	-0.10	-4.30	-5.48	-6.47	115.02
120.0	1.44	2.54	0.62	-0.32	-4.86	-5.93	-6.79	120.02
125.0	1.73	2.69	0.64	-0.54	-5.21	-6.25	-6.99	125.02
130.0	1.84	2.79	0.70	-0.96	-5.41	-6.45	-7.05	130.02
135.0	2.03	2.94	0.89	-1.50	-5.50	-6.55	-6.97	135.02
140.0	2.17	3.13	0.96	-1.83	-5.51	-6.54	-6.82	140.02
145.0	2.19	3.31	1.09	-1.81	-5.41	-6.41	-6.73	145.02
150.0	2.21	3.47	1.33	-1.79	-5.11	-6.16	-6.49	150.02
155.0	2.27	3.41	1.54	-1.49	-4.61	-5.77	-6.17	155.02
160.0	2.35	3.05	1.81	-1.14	-4.05	-5.28	-5.62	160.02
165.0	2.38	3.92	2.09	-0.81	-3.44	-4.69	-4.90	165.02
170.0	2.36	4.12	2.38	-0.39	-2.86	-3.98	-4.14	170.02
175.0	2.29	4.22	2.65	0.14	-2.15	-3.21	-3.44	175.02
180.0	2.18	4.19	2.87	0.64	-1.50	-2.44	-2.73	180.02
185.0	2.00	4.07	3.01	0.97	-0.84	-1.82	-2.03	185.02
190.0	1.74	3.76	3.04	1.17	-0.26	-1.21	-1.32	190.02
195.0	1.47	3.21	2.93	1.27	0.17	-0.48	-0.67	195.02
200.0	1.10	2.57	2.72	1.27	0.44	-0.28	-0.17	200.02
205.0	0.65	1.94	2.43	1.20	0.64	0.03	0.21	205.02
210.0	0.21	1.19	2.02	1.07	0.80	0.27	0.53	210.02
215.0	-0.10	0.64	1.54	0.93	0.98	0.45	0.79	215.02
220.0	-0.36	0.15	1.11	0.73	0.99	0.46	0.63	220.02
225.0	-0.57	-0.30	0.61	0.56	0.98	0.41	1.02	225.02
230.0	-0.71	-0.68	0.50	0.35	0.77	0.44	1.13	230.02
235.0	-0.77	-0.99	0.72	0.19	0.68	0.62	1.31	235.02
240.0	-0.82	-1.24	-0.02	0.05	0.52	0.71	1.56	240.02
245.0	-0.88	-1.49	-0.22	0.00	0.67	0.83	1.85	245.02
250.0	-0.97	-1.73	-0.41	0.00	0.89	1.00	2.14	250.02
255.0	-1.05	-1.85	-0.60	0.02	1.24	1.21	2.43	255.02
260.0	-1.10	-1.95	-0.82	0.03	1.66	1.46	2.75	260.02
265.0	-1.10	-2.03	-1.02	0.00	1.86	1.78	3.12	265.02
270.0	-1.09	-2.09	-1.17	0.04	1.98	2.16	3.47	270.02
275.0	-1.12	-2.11	-1.23	0.05	2.09	2.53	3.71	275.02
280.0	-1.15	-2.05	-1.33	0.01	2.18	2.81	3.96	280.02
285.0	-1.15	-2.01	-1.42	-0.04	2.21	2.97	4.20	285.02
290.0	-1.13	-2.04	-1.47	-0.10	2.18	2.97	4.27	290.02
295.0	-1.10	-2.09	-1.53	-0.15	2.12	2.67	4.15	295.02
300.0	-1.07	-2.14	-1.59	-0.17	2.07	2.70	3.98	300.02
305.0	-1.07	-2.15	-1.60	-0.17	2.06	2.74	3.86	305.02
310.0	-1.07	-2.12	-1.60	-0.17	2.06	2.72	3.78	310.02
315.0	-1.04	-2.07	-1.59	-0.18	2.07	2.73	3.77	315.02
320.0	-1.01	-2.06	-1.57	-0.21	2.05	2.76	3.77	320.02
325.0	-1.01	-2.05	-1.55	-0.32	2.01	2.76	3.74	325.02
330.0	-1.04	-2.10	-1.54	-0.54	1.93	2.82	3.80	330.02
335.0	-1.11	-2.25	-1.51	-0.90	1.82	2.85	3.93	335.02
340.0	-0.99	-2.31	-1.45	-1.33	1.73	3.01	4.06	340.02
345.0	-0.75	-2.54	-1.25	-1.19	1.65	3.24	4.24	345.02
350.0	-0.77	-2.91	-1.64	-1.03	1.95	3.60	3.94	350.02
355.0	-1.03	-3.15	-1.72	-0.75	2.22	2.00	1.91	355.02
STATIC COMPONENTS								
	1.51	3.24	4.18	4.57	2.03	4.41	1.80	

BLADE LOADS

TEST 502

CNTR NO. 163

T.C.N. 24

C.R. 43

SPAN STATION

DEG	52.5	79.8	119.7	159.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	-2.34	-3.51	-3.75	-1.64	0.12	1.12	0.68
5.00	-2.10	-3.36	-3.72	-2.67	-2.00	0.79	-0.81
10.00	-1.37	-2.39	-3.10	-2.67	-0.45	0.77	-0.37
15.00	-0.89	-2.40	-1.76	-2.15	-0.62	0.74	-0.44
20.00	-0.36	-2.80	-1.40	-1.34	-0.30	0.98	-0.11
25.00	-1.14	-2.04	-1.57	-0.66	0.04	1.24	-3.07
30.00	-1.72	-1.15	-1.23	-0.15	0.26	1.39	0.03
35.00	-1.14	-0.85	-0.55	0.42	0.86	1.91	0.58
40.00	-0.65	-0.74	-0.42	1.14	1.60	2.48	1.78
45.00	-0.83	-0.67	-0.69	1.81	2.25	3.03	1.76
50.00	-0.44	-0.68	0.29	2.34	2.74	3.40	2.15
55.00	-0.34	-0.68	0.73	2.55	2.94	3.62	2.57
60.00	-0.78	-0.57	0.65	2.70	2.85	3.62	2.85
65.00	-0.22	-0.28	0.76	2.67	2.53	3.28	2.61
70.00	-0.11	0.17	0.64	2.37	1.94	2.46	1.94
75.00	0.02	0.45	0.73	1.94	1.65	1.19	0.22
80.00	0.16	0.67	0.68	1.41	0.03	-0.39	-1.43
85.00	0.33	1.23	0.65	0.81	-1.07	-2.12	-3.28
90.00	0.48	1.53	0.51	0.37	-7.14	-3.95	-5.20
95.00	0.92	1.85	0.22	0.15	3.40	-5.39	-6.62
100.00	1.25	2.12	0.55	-0.05	-4.70	-6.68	-7.52
105.00	1.64	2.30	0.74	-0.44	-5.84	-7.73	-8.11
110.00	1.91	2.47	0.65	-0.84	-6.66	-8.49	-9.44
115.00	2.14	2.65	1.00	-1.43	-7.14	-8.83	-9.00
120.00	2.35	2.84	1.17	-2.07	-7.31	-8.84	-9.04
125.00	2.54	2.21	1.22	-2.61	-7.24	-8.47	-8.91
130.00	2.73	3.48	1.47	-2.81	-6.97	-8.21	-8.62
135.00	2.87	3.68	1.60	-2.56	-6.51	-7.54	-8.10
140.00	2.92	3.88	1.70	-2.05	-6.89	-6.76	-7.37
145.00	2.95	4.08	2.14	-1.52	-6.09	-6.52	-6.50
150.00	3.07	4.27	2.44	-0.88	-4.19	-5.04	-5.61
155.00	3.04	4.57	2.77	-0.16	-3.29	-4.13	-4.85
160.00	2.91	4.75	3.12	0.50	-2.42	-3.23	-3.68
165.00	2.65	4.92	3.00	1.12	-1.61	-2.37	-2.75
170.00	2.38	4.88	3.22	1.55	-0.84	1.55	-1.87
175.00	2.06	4.62	3.41	1.81	-0.70	-0.82	-1.02
180.00	1.73	4.00	3.78	1.63	0.35	-0.70	-0.25
185.00	1.32	3.34	3.42	1.91	0.71	0.30	0.37
190.00	0.77	2.64	3.64	1.75	0.95	0.71	0.74
195.00	0.27	1.77	2.24	1.59	1.09	1.00	1.00
200.00	-0.14	1.06	1.27	1.25	1.14	1.10	1.14
205.00	-0.49	0.45	1.27	0.94	1.13	1.06	1.24
210.00	-0.70	0.21	0.38	0.60	1.09	0.94	1.27
215.00	-0.82	-0.38	0.22	0.31	1.05	0.89	1.31
220.00	-0.91	-0.70	-0.64	0.15	1.04	0.94	1.38
225.00	-1.02	-0.95	-0.74	0.14	1.04	0.86	1.50
230.00	-1.11	-1.25	-0.54	-0.05	1.16	0.88	1.64
235.00	-1.20	-1.45	-0.35	-0.16	1.27	0.95	1.84
240.00	-1.28	-1.67	-0.44	-0.17	1.28	1.28	2.10
245.00	-1.27	-1.77	-1.10	-0.21	1.49	1.31	2.44
250.00	-1.31	-1.80	-1.23	-0.24	1.76	1.61	2.75
255.00	-1.28	-1.75	-1.23	-0.22	2.02	1.95	3.07
260.00	-1.22	-1.60	-1.42	-0.14	2.25	2.30	3.44
265.00	-1.14	-1.84	-1.47	-0.07	2.45	2.61	3.80
270.00	-1.22	-1.85	-1.49	-0.07	2.65	2.92	4.14
275.00	-1.24	-1.85	-1.45	-0.01	2.87	3.20	4.45
280.00	-1.15	-1.85	-1.46	-0.04	3.01	3.41	4.67
285.00	-1.05	-1.85	-1.44	-0.05	3.01	3.51	4.78
290.00	-1.04	-1.64	-1.49	-0.11	2.98	3.48	4.64
295.00	-1.12	-1.67	-1.71	-0.10	2.87	3.35	4.36
300.00	-1.17	-1.61	-1.76	-0.04	2.74	3.20	4.08
305.00	-1.14	-1.68	-1.79	-0.03	2.46	3.14	4.00
310.00	-1.14	-2.07	-1.76	-0.14	2.65	3.19	4.07
315.00	-1.04	-2.04	-1.74	-0.15	2.63	3.21	4.15
320.00	-0.95	-2.07	-1.71	-0.25	2.52	3.21	4.15
325.00	-1.00	-2.06	-1.61	-0.37	2.79	3.14	4.11
330.00	-1.21	-2.04	-1.38	-0.57	1.94	2.94	4.05
335.00	-0.91	-2.16	-0.85	-0.75	1.45	2.40	3.78
340.00	-0.48	-2.44	-0.37	-0.87	0.97	1.94	3.31
345.00	-0.40	-2.01	-0.67	-0.81	1.07	2.51	3.34
350.00	-0.38	-3.38	-1.45	-0.40	1.42	2.97	3.44
355.00	-1.20	-3.46	-2.24	-0.42	0.93	2.26	3.01
STATIC COMPONENTS							
	0.47	2.81	3.47	3.21	0.90	2.30	1.15

BLADE LOADS

TEST 494 CNTR NO. 104 T.C.No. 25 C.R. 22								
SPAN STATION								
DEG	52.5	79.8	119.7	159.3	178.5	199.0	199.5	
DYNAMIC COMPONENTS								
0.0	-3.39	-4.75	-4.27	-3.28	-0.15	1.99	1.67	0.0
5.00	-3.3	-5.35	-4.12	-3.95	-1.37	-0.59	-1.09	5.00
10.00	-1.17	-3.90	-3.29	-3.22	-1.73	-1.19	-1.82	10.00
15.00	2.30	-3.48	-3.67	-1.64	-0.96	-0.41	-1.12	15.00
20.00	-0.10	-3.32	-2.97	-0.3	0.35	0.90	0.29	20.00
25.00	-0.73	-3.99	-2.05	-0.61	1.49	2.29	1.46	25.00
30.00	-1.26	-2.35	-0.97	0.27	2.34	3.30	2.05	30.00
35.00	-1.02	-1.66	-0.13	1.42	2.81	3.72	2.48	35.00
40.00	-0.77	-1.45	0.59	2.44	3.26	3.98	3.01	40.00
45.00	-0.81	-1.26	1.10	3.43	3.87	4.48	3.69	45.00
50.00	-0.74	-1.11	1.47	4.37	4.59	5.12	4.38	50.00
55.00	-0.36	-1.74	1.78	4.41	4.97	5.89	4.99	55.00
60.00	-0.07	-0.89	2.07	4.70	4.92	6.28	4.94	60.00
65.00	-0.09	-0.65	2.09	4.89	4.41	6.21	4.72	65.00
70.00	-0.20	-0.77	2.09	4.47	3.55	5.25	5.37	70.00
75.00	-0.17	-0.42	1.93	3.94	2.69	4.57	4.87	75.00
80.00	0.06	0.09	1.48	3.58	1.94	1.74	1.53	80.00
85.00	0.43	1.54	1.11	2.72	7.78	1.22	-1.44	85.00
90.00	0.81	1.69	1.06	2.08	-0.99	-1.88	-4.46	90.00
95.00	1.19	1.52	1.28	1.31	-3.67	-7.53	-5.83	95.00
100.00	1.79	1.88	1.50	0.72	-6.37	-12.30	-8.88	100.00
105.00	2.45	2.78	1.65	-0.37	-8.31	-14.43	-11.63	105.00
110.00	2.87	2.68	1.75	-2.73	-9.51	-15.35	-12.94	110.00
115.00	3.16	3.22	1.86	-4.23	-10.35	-15.19	-14.67	115.00
120.00	3.40	3.71	1.98	-5.72	-10.72	-13.42	-14.91	120.00
125.00	3.61	4.14	1.91	-5.83	-10.69	-11.06	-12.92	125.00
130.00	3.82	4.53	1.64	-5.36	-10.43	-11.28	-11.12	130.00
135.00	4.24	4.76	1.49	-4.83	-9.95	-10.71	-11.00	135.00
140.00	4.15	5.33	1.37	-4.02	-9.15	-9.88	-9.59	140.00
145.00	4.18	5.27	1.24	-2.95	-7.88	-8.97	-8.72	145.00
150.00	4.15	5.52	1.54	-2.31	-6.43	-7.70	-7.75	150.00
155.00	4.06	5.79	2.12	-1.24	-5.82	-6.54	-6.60	155.00
160.00	3.99	6.08	2.83	-0.32	-3.71	-4.42	-5.18	160.00
165.00	3.82	6.35	3.53	0.58	-2.51	-3.2	-3.73	165.00
170.00	3.37	6.46	4.12	1.35	-1.40	-1.77	-2.53	170.00
175.00	2.71	6.18	4.50	1.97	-0.42	-1.76	-1.48	175.00
180.00	1.03	5.52	4.59	2.2	0.43	0.17	-0.44	180.00
185.00	1.29	4.61	4.37	2.55	1.12	0.90	0.47	185.00
190.00	0.52	3.48	3.80	2.72	1.64	1.42	1.18	190.00
195.00	-2.18	2.22	3.05	2.59	1.92	1.78	1.63	195.00
200.00	-0.66	1.09	2.31	2.19	2.33	1.98	1.84	200.00
205.00	-1.05	1.22	1.57	1.7	1.97	2.00	1.95	205.00
210.00	-1.39	-0.47	0.93	1.15	1.87	1.94	1.92	210.00
215.00	-1.58	-0.91	0.38	0.66	1.72	1.83	1.93	215.00
220.00	-1.70	-1.35	-0.27	0.25	1.59	1.74	1.90	220.00
225.00	-1.79	-1.67	-0.47	-0.34	1.49	1.73	2.02	225.00
230.00	-1.85	-1.95	-0.81	-0.17	1.43	1.76	2.16	230.00
235.00	-1.87	-1.77	-1.07	-0.28	1.42	1.76	2.27	235.00
240.00	-1.83	-2.1	-1.28	-0.35	1.48	1.83	2.38	240.00
245.00	-1.80	-2.25	-1.46	-0.44	1.57	1.95	2.52	245.00
250.00	-1.78	-2.33	-1.66	-0.51	1.70	2.14	2.64	250.00
255.00	-1.77	-2.36	-1.73	-0.54	1.86	2.1	2.85	255.00
260.00	-1.77	-2.38	-1.76	-0.59	1.99	2.29	3.05	260.00
265.00	-1.71	-2.41	-1.77	-0.61	2.11	2.41	3.28	265.00
270.00	-1.60	-2.42	-1.82	-0.62	2.21	2.52	3.55	270.00
275.00	-1.49	-2.39	-1.87	-0.63	2.31	2.71	3.89	275.00
280.00	-1.43	-2.31	-1.87	-0.62	2.44	2.93	4.21	280.00
285.00	-1.42	-2.24	-1.85	-0.57	2.58	3.21	4.51	285.00
290.00	-1.41	-2.16	-1.80	-0.46	2.75	3.52	4.84	290.00
295.00	-1.21	-2.11	-1.72	-0.30	2.96	3.81	5.18	295.00
300.00	-1.09	-2.12	-1.66	-0.11	3.17	4.18	5.58	300.00
305.00	-1.02	-2.11	-1.58	-0.03	3.35	4.58	5.99	305.00
310.00	-0.97	-2.07	-1.49	0.29	3.50	4.93	6.41	310.00
315.00	-0.94	-1.91	-1.49	0.18	3.59	4.74	6.98	315.00
320.00	-0.89	-1.87	-1.53	0.13	3.57	4.83	7.46	320.00
325.00	-0.97	-1.89	-1.53	-0.05	3.43	4.77	7.83	325.00
330.00	-1.36	-1.77	-1.46	-0.17	3.10	4.56	8.33	330.00
335.00	-1.84	-1.94	-2.99	-0.27	2.66	4.07	8.59	335.00
340.00	-2.52	-2.29	-3.68	-0.34	2.18	3.46	8.65	340.00
345.00	-1.77	-1.54	-3.22	-0.33	2.28	3.39	8.12	345.00
350.00	-1.63	-1.07	-3.19	-1.96	2.24	4.44	8.05	350.00
355.00	-2.54	-2.35	-4.72	-2.84	1.45	4.44	8.55	355.00
STATIC COMPONENTS								
	1.68	2.55	2.65	2.22	0.81	0.86	0.50	

BLADE LOADS

TEST 494		CNTR NO. 264		T.C.N. 26		C.C. 11	
SPAN STATION							
DEG	57.5	79.6	119.7	159.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	-2.74	-5.08	-5.29	-2.78	-2.21	-2.21	0.0
5.00	-1.38	-7.02	-7.02	-1.78	-0.92	0.60	-2.58
10.00	-2.71	-6.29	-7.44	-1.57	-0.97	1.16	-0.65
15.00	-1.58	-5.84	-6.75	-2.91	-0.60	-0.36	-1.23
20.00	-1.28	-2.51	-4.89	-3.91	-0.58	-0.14	-1.56
25.00	-0.68	-3.67	-2.40	-1.43	0.26	1.26	-0.33
30.00	-1.16	-3.64	-0.47	0.73	1.88	3.32	1.20
35.00	-2.73	-2.77	0.36	2.78	3.49	4.44	2.65
40.00	-2.92	-2.24	0.82	3.94	4.13	5.56	4.49
45.00	-2.27	-1.77	1.41	4.32	4.74	6.48	6.30
50.00	-1.19	-1.22	1.92	4.69	5.39	8.2	7.48
55.00	-0.06	-0.90	1.82	5.10	5.61	7.94	7.09
60.00	0.42	-0.84	1.89	5.67	5.85	8.23	5.72
65.00	0.50	-1.02	2.15	5.23	5.66	6.85	4.18
70.00	0.35	-1.19	2.13	3.99	5.14	3.99	2.80
75.00	0.52	-1.09	1.30	3.03	4.17	2.89	-0.86
80.00	-0.19	-0.67	0.31	2.49	2.63	1.61	-0.80
85.00	-0.14	-0.36	-0.64	1.79	0.99	-3.57	-0.52
90.00	0.24	-0.16	0.59	1.32	-1.84	-10.20	-0.52
95.00	0.87	0.37	1.52	1.83	-5.69	-11.42	-8.17
100.00	1.63	1.11	2.58	2.18	-7.99	-9.47	-4.44
105.00	2.38	2.07	3.51	-0.17	-7.31	-7.16	-2.33
110.00	3.08	3.14	4.22	-2.79	-5.50	-6.28	-1.89
115.00	3.75	4.10	4.59	-3.41	-4.91	-6.47	-3.60
120.00	4.41	5.01	4.11	-4.28	-7.11	-5.25	-6.72
125.00	4.95	5.77	2.16	-4.69	-11.58	-7.41	-6.78
130.00	5.33	6.29	-0.21	-5.22	-11.31	-11.92	-8.97
135.00	5.54	6.50	-1.20	-5.71	-10.17	-13.42	-12.93
140.00	5.62	6.49	-0.86	-5.82	-10.05	-12.48	-13.87
145.00	5.59	6.34	-3.62	-5.55	-11.04	-12.16	-12.83
150.00	5.49	5.92	-0.39	-5.12	-10.61	-12.55	-10.74
155.00	5.31	5.44	0.20	-4.42	-9.24	-11.41	-9.87
160.00	5.32	5.21	0.93	-3.30	-7.67	-9.58	-8.30
165.00	4.57	5.72	1.87	-1.88	-5.71	-6.54	-6.64
170.00	3.99	6.33	2.83	-0.20	-3.75	-4.22	-4.62
175.00	3.31	6.73	3.68	1.21	-2.05	-2.28	-2.58
180.00	2.45	6.43	4.22	2.33	-0.56	-0.56	-0.73
185.00	1.51	5.56	4.33	2.35	0.85	0.60	0.67
190.00	0.56	4.22	4.01	2.40	1.81	1.48	1.67
195.00	-0.37	2.66	3.25	2.31	2.27	2.13	2.31
200.00	-1.21	1.13	2.74	2.27	2.62	2.53	2.84
205.00	-1.83	-0.59	1.43	2.34	2.76	2.72	2.76
210.00	-2.13	-0.94	0.65	1.74	2.75	2.76	2.83
215.00	-2.27	-1.46	0.17	1.41	2.70	2.77	2.93
220.00	-2.33	-1.75	-0.13	1.06	2.68	2.76	3.08
225.00	-2.37	-2.02	-0.35	0.74	2.65	2.80	3.22
230.00	-2.37	-2.24	-0.57	0.53	2.67	2.97	3.35
235.00	-2.29	-2.36	-0.80	0.42	2.72	2.97	3.49
240.00	-2.20	-2.41	-1.00	0.33	2.77	3.08	3.64
245.00	-2.17	-2.39	-1.13	0.30	2.82	3.19	3.76
250.00	-2.13	-2.24	-1.18	0.21	2.86	3.26	3.87
255.00	-2.11	-2.24	-1.18	0.12	2.89	3.30	3.93
260.00	-2.07	-2.26	-1.16	0.06	2.90	3.32	3.97
265.00	-2.04	-2.28	-1.13	0.03	2.91	3.37	3.99
270.00	-2.00	-2.26	-1.09	0.01	2.93	3.35	4.04
275.00	-1.94	-2.23	-1.03	0.04	2.97	3.41	4.11
280.00	-1.89	-2.20	-0.96	0.10	3.03	3.50	4.19
285.00	-1.87	-2.14	-0.95	0.20	3.10	3.62	4.27
290.00	-1.94	-2.24	-0.95	0.29	3.18	3.75	4.35
295.00	-1.95	-2.44	-0.99	0.40	3.27	3.82	4.44
300.00	-1.78	-2.49	-1.06	0.49	3.36	4.05	4.52
305.00	-1.70	-2.34	-1.12	0.49	3.44	4.16	4.59
310.00	-1.54	-2.08	-1.16	0.52	3.50	4.27	4.67
315.00	-1.34	-1.38	-1.20	0.47	3.51	4.26	4.60
320.00	-1.09	-1.79	-1.23	0.31	3.49	4.23	4.49
325.00	-0.75	-1.65	-1.20	0.05	3.41	4.12	4.26
330.00	-0.63	-1.44	-1.17	-0.36	3.17	3.87	3.85
335.00	-0.56	-1.52	-1.16	-1.12	2.67	3.42	3.16
340.00	-0.76	2.01	-1.01	-1.80	1.77	2.63	2.20
345.00	-1.81	-1.88	-0.92	-1.40	0.61	1.35	0.90
350.00	-2.0	-1.71	-1.38	-1.09	-0.33	-0.26	-0.67
355.00	-2.21	-2.75	-2.08	-1.33	-1.32	-0.74	-0.92
STATIC COMPONENTS							
	0.89	1.61	1.11	-0.33	-0.75	-1.85	-2.50

BLADE LOADS

TEST 900	CNTR NO. 498			T.C.N. 27		C.R. 39	
SPAN STATION							
DEG	52.5	79.8	119.7	153.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	-2.56	-5.93	-6.14	-2.93	0.43	-1.22	-2.62
5.30	-1.48	-3.78	-7.23	-3.82	-1.25	-6.84	-1.12
10.30	-0.74	-2.73	-7.16	-4.34	-2.95	-1.48	-1.18
15.30	-3.44	-2.46	-6.28	-3.73	-3.05	-2.08	-2.73
20.30	-1.04	-3.44	-4.03	-2.85	-2.51	-2.36	-3.57
25.30	-2.59	-4.30	-1.58	-1.24	-0.99	-1.24	-2.97
30.00	-3.62	-4.07	-0.94	0.65	1.01	1.15	-0.89
35.30	-3.54	-3.69	-0.94	2.55	2.70	3.33	1.34
40.30	-3.01	-3.20	0.6	1.95	4.15	4.94	3.44
45.30	-2.47	-2.55	1.15	4.96	5.32	7.13	4.31
50.30	-1.45	-2.09	1.44	5.94	6.75	9.46	8.91
55.30	-0.16	-1.90	1.40	6.47	7.84	11.12	8.42
60.30	0.35	-1.59	1.75	6.63	8.42	12.37	6.91
65.30	0.19	-1.32	2.23	5.24	7.92	12.28	3.94
70.30	-0.15	-0.99	2.41	5.33	5.42	11.18	0.33
75.30	-2.34	-0.58	1.84	5.63	2.86	6.60	-1.74
80.30	-0.43	-0.50	1.57	5.67	-0.91	-2.02	-0.70
85.30	-3.57	-0.54	1.94	3.11	0.77	-0.24	-1.43
90.30	-0.21	-0.35	2.35	3.27	-3.45	-3.25	-3.38
95.30	0.30	0.47	2.59	5.45	-6.13	-6.60	-2.74
100.30	1.31	1.43	3.10	1.59	-7.67	-8.55	-0.22
105.30	2.53	2.39	2.66	-5.05	-9.66	-8.93	-1.85
110.30	3.40	3.19	1.59	-10.60	-10.80	-7.59	-2.44
115.30	4.02	3.97	0.34	-10.40	-7.20	-3.88	-5.68
120.30	4.36	4.92	-1.72	-9.62	-10.70	-3.87	-9.78
125.30	4.67	5.64	-3.30	-10.34	-11.34	-7.91	-13.78
130.30	5.04	5.99	-2.85	-9.79	-11.79	-10.20	-14.23
135.30	5.56	6.16	-1.62	-6.60	-14.03	-11.74	-13.13
140.30	5.93	6.41	0.08	-6.31	-14.21	-12.65	-9.84
145.30	6.21	6.44	0.85	-2.71	-7.10	-10.42	-9.61
150.30	6.19	6.36	1.48	-1.78	-6.66	-8.17	-8.92
155.30	5.93	6.65	2.08	-1.18	-5.97	-7.37	-8.69
160.30	5.45	7.25	2.94	-0.55	-4.85	-6.36	-7.67
165.30	4.73	7.73	4.03	0.32	-3.53	-5.14	-6.19
170.30	3.74	7.82	5.09	1.52	-2.33	-3.73	-4.50
175.30	2.80	7.42	5.76	2.64	-1.17	-2.36	-2.93
180.30	1.81	5.49	5.80	3.40	0.05	-0.97	-1.56
185.30	0.78	5.05	5.17	3.74	1.03	0.32	-0.30
190.30	-0.38	3.24	4.28	3.47	1.91	1.30	0.79
195.30	-1.35	1.46	3.23	3.11	2.55	2.64	1.70
200.30	-1.87	0.15	2.62	2.62	2.99	2.91	2.46
205.30	-2.11	-0.54	0.96	2.02	3.70	2.63	2.98
210.30	-2.20	-0.90	0.39	1.32	2.93	2.53	3.21
215.30	-2.15	-1.15	0.12	0.68	2.66	2.37	3.19
220.30	-2.04	-1.49	-0.03	0.29	2.34	2.15	3.08
225.30	-1.74	-1.78	-0.14	0.17	2.13	1.95	2.95
230.30	-1.85	-1.99	-0.31	0.20	2.19	1.86	2.91
235.30	-1.80	-2.13	-0.54	0.29	2.40	1.97	2.95
240.30	-1.78	-2.21	-0.79	0.37	2.65	2.21	3.07
245.30	-1.81	-2.26	-0.98	0.43	2.84	2.50	3.24
250.30	-1.88	-2.27	-1.11	0.45	2.97	2.72	3.42
255.30	-1.94	-2.29	-0.94	0.33	3.06	2.80	3.61
260.30	-1.94	-2.32	-0.88	0.12	3.11	2.84	3.81
265.30	-1.93	-2.25	-0.88	-0.03	3.12	2.87	4.00
270.30	-1.94	-2.18	-0.91	-0.13	3.13	2.91	4.16
275.30	-1.95	-2.14	-0.95	-0.25	3.16	2.99	4.28
280.30	-1.90	-2.13	-1.00	-0.27	3.19	3.10	4.36
285.30	-1.72	-2.11	-1.08	-0.18	3.22	3.19	4.39
290.30	-1.56	-2.06	-1.09	-0.10	3.25	3.28	4.42
295.30	-1.49	-2.15	-1.04	-0.07	3.26	3.38	4.44
300.30	-1.49	-2.17	-0.99	-0.05	3.24	3.46	4.47
305.30	-1.44	-2.16	-0.89	-0.02	3.19	3.45	4.48
310.30	-1.47	-1.97	-0.74	0.37	3.11	3.39	4.47
315.30	-1.09	-1.96	-0.65	0.94	3.06	3.30	4.43
320.30	-0.74	-1.91	-0.62	-0.31	3.27	3.40	4.43
325.30	-0.62	-1.89	-0.68	-0.80	3.27	3.53	4.51
330.30	-0.61	-1.27	-0.77	-1.11	3.00	3.66	4.41
335.30	-0.47	-1.03	-0.73	-1.25	2.63	3.08	3.83
340.30	-0.26	-0.63	-0.89	-0.35	1.04	1.01	2.43
345.00	-0.62	-1.01	-1.77	0.94	0.49	0.05	0.32
350.30	-1.09	-3.06	-3.65	1.78	1.14	-0.75	-1.60
355.30	-1.40	-5.42	-6.89	-0.14	1.55	-0.84	-2.00
STATIC COMPONENTS							
	0.26	0.92	-0.14	-1.13	-2.09	-3.47	-3.40

BLADE LOADS

TEST 497 CNTR NO. 418 T.C.N. 20 C.R. 26

SPAN STATION								
DEG	52.5	79.8	119.7	153.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-2.35	-3.75	-3.61	-4.59	0.73	4.91	2.65	3.7
1.00	-3.26	-4.76	-4.64	-5.27	-0.88	1.80	0.31	4.27
15.00	-2.76	-4.53	-4.29	-5.67	-1.82	0.14	-0.23	17.55
20.00	-1.44	-3.32	-3.93	-2.05	-1.28	-0.10	-0.62	14.00
25.00	-0.45	-2.73	-3.65	-1.66	-0.42	0.79	0.01	20.00
29.00	0.18	-3.00	-2.90	-1.42	0.11	1.54	3.84	24.00
30.00	-0.32	-2.96	-1.85	-0.57	0.73	2.76	1.22	17.00
35.00	-1.12	-2.37	-0.86	0.88	1.59	2.94	1.67	15.00
40.00	-0.69	-1.76	-0.64	1.56	2.71	3.91	2.20	43.00
45.00	-0.39	-1.35	0.36	2.46	2.64	3.93	2.91	44.00
50.00	-0.49	-1.07	0.64	3.23	3.02	4.31	3.70	40.00
55.00	-0.44	-0.87	0.88	3.95	3.43	4.67	4.38	45.00
60.00	-0.29	-0.75	1.34	4.27	3.77	4.91	4.84	43.00
65.00	-0.28	-0.71	1.60	4.43	3.81	5.42	5.46	45.00
70.00	-0.21	-0.67	1.71	4.37	3.98	4.27	5.15	70.00
75.00	-0.07	-0.57	1.47	4.14	3.05	4.83	3.03	75.00
80.00	0.03	-0.32	1.28	3.92	2.33	4.74	2.79	80.00
85.00	0.01	0.24	1.00	3.68	1.46	3.39	-1.09	85.00
90.00	0.11	0.47	0.46	2.96	0.06	0.06	-3.71	90.00
95.00	0.53	0.96	0.53	2.27	-2.12	-4.61	-5.32	95.00
100.00	0.87	1.43	1.28	1.47	-4.23	-8.41	-6.45	100.00
105.00	1.39	1.42	1.62	0.91	-7.47	-10.97	-6.54	105.00
110.00	1.89	2.20	1.85	0.05	-8.00	-12.33	-7.09	110.00
115.00	2.29	2.59	2.06	0.75	-7.82	-12.47	-9.42	115.00
120.00	2.59	3.09	2.20	0.93	-7.70	-12.96	-11.44	120.00
125.00	2.94	3.59	2.60	1.77	-8.20	-12.75	-13.16	125.00
130.00	3.08	4.00	1.77	-4.05	-8.43	-11.72	-12.40	130.00
135.00	3.32	4.24	1.98	-4.13	-8.45	-10.33	-10.09	135.00
140.00	3.40	4.43	0.93	-3.65	-8.14	-9.51	-12.13	140.00
145.00	3.54	4.62	0.68	-3.02	-7.54	-8.69	-9.21	145.00
150.00	3.60	4.83	0.99	-2.31	-6.56	-7.72	-8.14	150.00
155.00	3.81	5.09	1.41	-1.50	-5.22	-6.41	-6.93	155.00
160.00	3.87	5.40	2.36	-0.41	-3.85	-4.89	-5.48	160.00
165.00	3.81	5.61	3.12	0.57	-2.57	-3.40	-3.84	165.00
170.00	3.63	5.99	3.76	1.28	-1.45	-2.32	-2.50	170.00
175.00	3.32	5.99	4.22	1.92	-0.58	-0.83	-1.33	175.00
180.00	2.96	5.72	4.38	2.34	0.23	0.66	-0.34	180.00
185.00	2.35	5.24	4.18	2.55	0.89	0.07	0.95	185.00
190.00	1.56	4.31	3.72	2.44	1.43	1.36	0.98	190.00
195.00	0.68	3.27	3.11	2.36	1.74	1.71	1.32	195.00
200.00	-0.09	2.17	2.37	2.27	1.86	1.94	1.57	200.00
205.00	-0.25	1.13	1.63	1.77	1.85	1.84	1.71	205.00
210.00	-0.07	0.23	0.94	1.44	1.80	1.76	1.79	210.00
215.00	-1.13	-0.96	0.50	1.02	1.73	1.67	1.83	215.00
220.00	-1.36	-0.74	0.02	0.52	1.44	1.58	1.46	220.00
225.00	-1.50	-1.05	-0.72	0.16	1.61	1.67	1.99	225.00
230.00	-1.54	-1.33	-0.45	-0.12	1.59	1.67	1.96	230.00
235.00	-1.58	-1.56	-0.65	-0.34	1.58	1.61	2.05	235.00
240.00	-1.59	-1.72	-0.64	-0.69	1.60	1.42	2.17	240.00
245.00	-1.29	-1.89	-1.02	-0.57	1.62	1.51	2.30	245.00
250.00	-1.06	-2.02	-1.23	-0.62	1.67	1.61	2.44	250.00
255.00	-1.61	-2.24	-1.38	-0.65	1.74	1.72	2.57	255.00
260.00	-1.57	-2.12	-1.47	-0.66	1.81	1.82	2.69	260.00
265.00	-1.53	-2.17	-1.54	-0.67	1.89	1.93	2.82	265.00
270.00	-1.56	-2.14	-1.57	-0.72	1.97	2.02	2.90	270.00
275.00	-1.29	-2.16	-1.57	-0.92	2.05	2.13	2.94	275.00
280.00	-1.51	-2.09	-1.46	-0.89	2.14	2.25	3.09	280.00
285.00	-1.42	-2.22	-1.32	-0.91	2.23	2.40	3.27	285.00
290.00	-1.30	-1.97	-1.48	-0.82	2.34	2.59	3.34	290.00
295.00	-1.27	-1.96	-1.42	-0.73	2.46	2.81	3.55	295.00
300.00	-1.40	-1.96	-1.37	-0.55	2.60	3.08	3.78	300.00
305.00	-1.38	-1.93	-1.31	-0.41	2.74	3.36	4.06	305.00
310.00	-1.29	-1.95	-1.29	-0.27	2.87	3.61	4.24	310.00
315.00	-1.25	-1.79	-1.34	-0.18	2.95	3.79	4.40	315.00
320.00	-1.21	-1.78	-1.44	-0.16	2.96	3.93	4.54	320.00
325.00	-1.13	-1.73	-1.77	-0.25	2.96	3.88	4.04	325.00
330.00	-1.08	-1.44	2.19	-0.28	2.62	3.64	3.64	330.00
335.00	-1.10	-1.28	-2.51	-0.32	2.31	3.13	3.13	335.00
340.00	-1.18	-1.76	-2.40	-0.15	2.07	2.70	2.60	340.00
345.00	-1.25	-2.10	-2.21	-0.57	2.06	2.73	2.44	345.00
350.00	-1.10	-2.39	-2.09	-1.44	2.13	3.04	3.04	350.00
355.00	-1.04	-2.73	-2.43	-3.75	1.56	3.16	3.12	355.00
STATIC COMPONENTS								
	1.17	1.97	2.00	1.99	0.99	0.14	-0.01	

BLADE LOADS

TEST 497 CNTR NO. 373 T.C. 29 C.R. 27								
SPAN STATION								
DEG	92.5	79.8	119.7	155.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-2.14	-4.48	-5.77	-7.21	-9.74	0.32	-2.80	3.0
5.00	-1.53	-2.76	-7.19	-1.08	0.60	0.89	0.35	5.22
10.00	-1.01	-0.73	-7.36	-2.44	-5.63	0.10	-0.36	10.53
15.00	-0.64	-1.54	-6.03	-3.63	-1.16	-0.90	-1.58	15.33
20.00	-1.25	-3.01	-3.76	-2.88	-0.98	-0.23	-1.74	20.00
25.00	-1.88	-3.94	-1.70	-1.25	0.21	1.74	-0.90	25.00
30.00	-1.94	-3.60	-0.43	0.65	1.54	2.64	3.91	30.00
35.00	-2.21	-2.82	0.73	2.18	2.44	3.41	1.82	35.00
40.00	-2.01	-1.92	0.66	3.71	3.73	4.35	3.73	40.00
45.00	-1.14	-1.25	1.45	3.46	3.98	5.70	5.81	45.00
50.00	-0.13	-0.15	2.05	4.55	4.46	6.66	6.36	50.00
55.00	0.42	-0.73	2.03	5.09	4.63	6.99	5.40	55.00
60.00	0.43	-0.78	1.97	5.71	4.92	6.60	4.40	60.00
65.00	0.17	-0.94	1.91	6.52	5.11	3.98	3.70	65.00
70.00	-0.08	-1.02	1.42	3.75	3.84	2.70	0.00	70.00
75.00	-0.31	-0.93	0.65	1.11	1.48	0.49	-3.55	75.00
80.00	-0.98	-0.71	0.40	2.95	1.34	-3.30	-4.10	80.00
85.00	-0.15	-0.40	0.48	3.66	0.17	-6.80	-5.68	85.00
90.00	0.24	0.08	1.09	4.46	-0.06	-6.53	-7.20	90.00
95.00	0.84	0.79	1.93	5.61	-11.23	-9.89	-5.37	95.00
100.00	1.60	2.91	4.65	-10.41	-6.79	-2.10	-2.10	100.00
105.00	2.31	2.54	3.67	-1.70	-7.66	-2.44	0.14	105.00
110.00	2.99	3.45	3.96	-4.12	-5.47	0.50	0.73	110.00
115.00	3.54	4.35	3.50	-4.18	-5.41	-2.84	-3.57	115.00
120.00	4.09	5.17	2.05	-3.91	-5.67	-6.65	-3.46	120.00
125.00	4.48	5.77	-0.19	-4.23	-8.90	-7.95	-7.58	125.00
130.00	4.77	6.07	-1.27	-4.43	-10.72	-9.90	-8.05	130.00
135.00	4.96	6.10	-1.04	-5.06	-8.65	-12.68	-10.70	135.00
140.00	5.08	5.99	-0.43	-4.71	-7.87	-11.82	-12.79	140.00
145.00	5.09	5.49	-0.17	-4.14	-7.82	-10.47	-11.15	145.00
150.00	4.97	5.79	0.23	-3.90	-7.30	-9.24	-9.83	150.00
155.00	4.71	4.91	0.84	-2.57	-5.98	-8.28	-8.93	155.00
160.00	4.32	5.34	1.71	-1.63	-4.63	-6.80	-7.66	160.00
165.00	3.82	5.92	2.62	-0.55	-3.12	-4.87	-5.45	165.00
170.00	3.20	6.34	3.51	0.27	-1.77	-3.11	-3.60	170.00
175.00	2.49	6.20	4.17	0.96	-0.50	-1.54	-1.94	175.00
180.00	1.72	5.59	4.37	1.73	0.62	-0.14	-0.57	180.00
185.00	0.80	4.48	5.63	2.21	1.49	1.03	0.59	185.00
190.00	-0.24	2.91	3.35	2.19	2.13	1.79	1.29	190.00
195.00	-1.11	1.27	2.49	1.99	2.51	2.14	1.86	195.00
200.00	-1.62	0.12	1.63	1.74	2.65	2.73	2.27	200.00
205.00	-1.92	-0.44	0.89	1.42	2.66	2.75	2.40	205.00
210.00	-2.11	-1.14	0.36	1.08	2.65	2.77	2.47	210.00
215.00	-2.21	-1.42	0.04	0.78	2.60	2.79	2.52	215.00
220.00	-2.15	-1.43	-0.09	0.57	2.57	2.79	2.60	220.00
225.00	-1.97	-1.89	-0.25	0.46	2.60	2.79	2.70	225.00
230.00	-1.79	-2.10	-0.44	0.30	2.68	2.37	2.82	230.00
235.00	-1.62	-2.19	-0.68	0.13	2.80	2.49	2.93	235.00
240.00	-1.55	-2.20	-0.93	0.00	2.91	2.63	3.01	240.00
245.00	-1.55	-2.15	-1.11	-0.12	2.94	2.71	3.11	245.00
250.00	-1.56	-2.10	-1.18	-0.31	2.96	2.73	3.22	250.00
255.00	-1.55	-2.04	-1.16	-0.49	2.92	2.71	3.34	255.00
260.00	-1.55	-2.05	-1.12	-0.53	2.95	2.67	3.44	260.00
265.00	-1.58	-2.02	-1.06	-0.62	2.79	2.66	3.50	265.00
270.00	-1.66	-1.99	-1.01	-0.62	2.80	2.71	3.56	270.00
275.00	-1.73	-2.00	-0.98	-0.60	2.86	2.80	3.61	275.00
280.00	-1.71	-2.04	-0.96	-0.57	2.95	2.88	3.62	280.00
285.00	-1.66	-2.11	-0.96	-0.43	3.05	2.95	3.64	285.00
290.00	-1.65	-2.16	-0.95	-0.27	3.12	3.14	3.70	290.00
295.00	-1.64	-2.18	-0.94	-0.21	3.17	3.33	3.76	295.00
300.00	-1.52	-2.14	-0.93	-0.20	3.23	3.40	3.79	300.00
305.00	-1.38	-2.03	-0.91	-0.15	3.28	3.44	3.80	305.00
310.00	-1.30	-1.87	-0.91	-0.17	3.29	3.47	3.84	310.00
315.00	-1.05	-1.43	-0.91	-0.31	3.27	3.63	3.88	315.00
320.00	-0.72	-1.44	-0.90	-0.57	3.21	3.63	3.83	320.00
325.00	-0.61	-1.70	-0.86	-1.00	3.01	3.52	3.71	325.00
330.00	-0.81	-1.43	-0.78	-1.50	2.57	3.22	3.44	330.00
335.00	-0.87	-1.30	-0.53	-1.75	2.57	2.61	2.61	335.00
340.00	-0.81	-1.30	-0.48	-1.50	2.55	1.76	1.71	340.00
345.00	-0.95	-2.14	-0.48	-0.43	-0.26	-0.35	-0.44	345.00
350.00	-1.62	-3.65	-1.70	-0.29	-0.93	-1.74	-2.14	350.00
355.00	-2.52	-5.14	-3.27	-1.34	-1.69	-2.38	-3.06	355.00
STATIC COMPONENTS								
	0.48	1.01	0.39	-0.48	-1.18	04	-7.77	

BLADE LOADS

TEST 497 CNTR NO. 994 T.C.N. 30 C.R. 28

DEG	SPAN STATION						
	52.0	79.8	119.7	153.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	-2.51	-5.13	-6.63	-3.63	-0.44	0.27	-1.11
5.00	-1.70	-2.75	-7.44	-4.86	-0.29	0.67	-0.95
10.00	-2.31	-0.59	-7.13	-5.36	-0.95	-0.53	-1.74
15.00	-1.99	-1.46	-5.87	-4.52	-1.92	-1.67	-2.76
20.00	-0.98	-3.42	-3.90	-3.56	-2.14	-1.92	-3.24
25.00	-0.73	-4.39	-1.49	-1.98	-0.87	-0.77	-2.29
30.00	-1.79	-3.91	-0.97	-0.01	0.71	1.31	-0.67
35.00	-2.44	-3.05	-0.72	1.73	2.00	2.72	1.49
40.00	-1.93	-2.43	-0.18	3.52	3.04	4.26	4.02
45.00	-1.06	-1.87	0.78	3.35	3.72	5.49	5.41
50.00	-0.41	-1.44	1.43	4.59	4.23	6.37	5.42
55.00	-0.07	-1.27	1.58	4.83	4.52	6.73	4.93
60.00	-0.01	-1.16	1.72	4.59	4.88	4.93	4.48
65.00	-0.05	-0.93	1.94	4.15	4.82	3.78	2.25
70.00	-0.10	-0.65	1.78	4.35	3.40	2.30	-1.26
75.00	-0.14	-0.42	1.32	5.29	0.83	0.39	-0.01
80.00	-0.14	-0.43	1.05	6.46	0.48	-0.13	-1.13
85.00	0.03	-0.44	1.30	7.83	-0.45	-1.88	-4.76
90.00	0.49	-0.04	1.67	7.34	-7.41	-5.66	-5.76
95.00	1.10	-0.71	2.25	7.44	-7.84	-7.66	-3.80
100.00	1.76	1.64	2.98	4.58	-6.36	-6.35	-1.15
105.00	2.38	2.65	3.42	-0.21	-5.64	-3.38	0.22
110.00	3.01	3.51	3.24	-4.91	-4.85	-0.87	-1.07
115.00	3.71	4.23	2.46	-7.97	-6.89	-0.80	-3.10
120.00	4.27	4.84	0.93	-9.64	-8.24	-2.56	-4.40
125.00	4.61	5.34	-0.95	-6.77	-7.26	-0.17	-3.93
130.00	4.83	5.69	-1.83	-4.83	-11.63	-8.66	-8.64
135.00	4.95	5.84	-1.21	-3.88	-9.67	-11.61	-9.74
140.00	5.15	5.79	-0.41	-3.42	-7.33	-11.83	-10.90
145.00	5.23	5.45	0.03	-3.48	-6.51	-10.35	-11.10
150.00	5.12	5.14	0.47	-3.04	-5.86	-8.47	-9.24
155.00	4.79	5.20	1.01	-2.72	-5.42	-7.45	-8.10
160.00	4.26	5.77	1.85	-1.73	-4.42	-6.47	-6.52
165.00	3.64	6.71	2.76	-0.63	-3.21	-4.95	-5.41
170.00	2.97	6.56	3.72	0.32	-1.94	-3.25	-3.89
175.00	2.25	5.32	4.47	1.22	-0.72	-1.69	-2.25
180.00	1.47	5.55	4.65	2.32	0.40	-0.37	-0.83
185.00	0.44	4.30	4.30	2.44	1.22	0.62	0.28
190.00	-0.38	2.61	3.61	2.33	1.95	1.40	1.15
195.00	-1.29	1.23	2.63	2.02	2.46	1.93	1.74
200.00	-1.66	-0.33	1.66	1.70	2.69	4.17	2.11
205.00	-1.85	-0.64	0.84	1.28	2.72	2.20	2.33
210.00	-2.02	-1.26	0.39	0.78	2.63	2.13	2.44
215.00	-2.10	-1.24	0.08	0.29	2.53	2.06	2.52
220.00	-1.97	-1.67	-0.13	0.35	2.45	1.98	2.54
225.00	-1.92	-1.64	-0.26	0.32	2.42	1.97	2.60
230.00	-1.87	-1.91	-0.39	0.00	2.39	2.32	2.67
235.00	-1.59	-2.07	-0.53	0.00	2.48	2.13	2.77
240.00	-1.54	-2.13	-0.67	-0.31	2.59	2.25	2.86
245.00	-1.53	-2.12	-0.80	-0.32	2.71	2.34	2.94
250.00	-1.54	-2.11	-0.87	-0.32	2.76	2.41	3.08
255.00	-1.54	-2.11	-0.78	-0.15	2.85	2.48	3.21
260.00	-1.53	-2.39	-0.73	-0.24	2.87	2.55	3.33
265.00	-1.53	-2.03	-0.72	-0.27	2.90	2.62	3.46
270.00	-1.52	-1.99	-0.72	-0.32	2.93	2.69	3.59
275.00	-1.52	-1.99	-0.72	-0.39	2.98	2.78	3.70
280.00	-1.40	-1.97	-0.75	-0.59	3.03	2.87	3.77
285.00	-1.39	-1.87	-0.78	-0.53	3.08	2.94	3.84
290.00	-1.30	-1.83	-0.77	-0.25	3.13	3.00	3.89
295.00	-1.31	-2.05	-0.75	-0.24	3.17	3.10	3.93
300.00	-1.31	-2.14	-0.72	-0.22	3.20	3.22	3.97
305.00	-1.19	-2.02	-0.69	-0.21	3.20	3.34	4.04
310.00	-1.21	-1.83	-0.56	-0.25	3.16	3.38	4.07
315.00	-1.14	-1.67	-0.61	-0.31	3.07	3.45	4.04
320.00	-0.83	-1.45	-0.58	-0.45	2.95	3.52	3.93
325.00	-0.43	-1.24	-0.55	-0.36	2.73	3.43	3.69
330.00	-0.16	-1.20	-0.48	-1.25	2.28	3.39	3.17
335.00	-0.10	-1.70	-0.43	-1.60	1.54	2.33	2.34
340.00	-0.46	-2.17	-0.49	-1.82	0.71	1.11	1.17
345.00	-0.75	-1.97	-0.93	0.19	0.20	-0.14	-0.23
350.00	-1.91	-2.73	-2.28	0.56	0.00	-0.06	-1.43
355.00	-4.54	-4.35	-4.31	-0.33	-0.52	-0.84	-1.99

STATIC COMPONENTS

0.77 1.34 0.67 -2.14 -0.88 -7.08 -1.98

BLADE LOADS

TEST 900 CNTR NO. 570 T.C.N. 31 C.R. 40

SPAN STATION								
DEG	52.5	79.8	119.7	153.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-1.43	-4.07	-7.77	-9.17	0.48	7.74	-0.20	0.0
5.00	-0.48	-0.38	-7.38	-6.80	-0.09	0.71	7.80	5.00
10.00	-1.33	-0.80	-6.74	-6.73	-1.74	-0.18	0.05	10.00
15.00	0.07	-3.01	-4.74	-3.41	-2.08	-1.72	-2.78	15.00
20.00	-0.43	-3.48	-1.64	-1.38	-1.70	-0.37	-2.71	20.00
25.00	-2.18	-3.08	-0.77	-1.68	0.48	1.67	-0.44	25.00
30.00	-2.84	-3.03	-0.88	2.34	2.47	2.67	2.28	30.00
35.00	-2.17	-3.11	-0.31	2.78	2.79	4.35	4.14	35.00
40.00	-2.04	-2.81	0.74	2.70	4.43	4.74	4.61	40.00
45.00	-2.07	-2.60	0.83	4.43	5.30	7.48	4.83	45.00
50.00	-1.04	-2.83	0.74	4.44	5.44	7.64	4.81	50.00
55.00	-0.43	-2.44	0.74	2.97	4.88	4.44	2.13	55.00
60.00	-0.37	-2.10	0.67	2.48	4.34	2.48	1.74	60.00
65.00	-0.84	-1.84	1.12	2.87	2.18	2.84	-0.84	65.00
70.00	-0.48	-0.80	1.49	4.07	0.83	-0.74	-0.11	70.00
75.00	-0.48	-0.18	1.07	5.23	-4.77	-2.88	-3.40	75.00
80.00	-0.30	0.14	2.04	5.44	-2.74	-2.10	-1.93	80.00
85.00	-0.11	0.44	4.18	4.33	-0.18	-2.80	-2.41	85.00
90.00	0.30	1.70	2.73	4.31	-2.48	-4.72	-2.74	90.00
95.00	1.40	2.00	2.61	2.04	-7.08	-4.32	-2.74	95.00
100.00	2.48	2.73	2.74	-1.11	-8.41	-4.36	-0.07	100.00
105.00	3.08	2.74	1.60	-4.71	-7.13	-3.84	1.14	105.00
110.00	3.43	2.44	-1.10	-11.44	-5.44	-4.72	-1.07	110.00
115.00	3.81	2.73	-2.74	-13.37	-7.07	-5.23	-4.47	115.00
120.00	3.88	2.74	-4.47	-12.40	-10.87	-8.83	-10.81	120.00
125.00	4.17	4.34	-4.00	-11.01	-14.08	-11.44	-10.84	125.00
130.00	4.44	4.47	-3.78	-9.74	-14.78	-12.84	-11.43	130.00
135.00	4.41	4.87	-1.11	-8.73	-11.78	-12.48	-12.17	135.00
140.00	4.98	5.18	0.70	-6.07	-7.81	-10.67	-10.88	140.00
145.00	4.48	5.30	1.63	-1.44	-5.73	-7.34	-7.88	145.00
150.00	5.41	4.40	2.87	0.04	-4.10	-4.83	-4.41	150.00
155.00	5.74	2.70	2.07	1.21	-2.43	-3.48	-1.87	155.00
160.00	4.70	2.74	4.47	2.14	-1.71	-2.17	-3.72	160.00
165.00	4.04	8.08	8.83	2.04	-0.37	-1.04	-1.41	165.00
170.00	3.00	7.73	4.77	2.71	0.47	-0.08	-0.44	170.00
175.00	2.04	6.83	4.07	2.70	1.78	0.84	0.78	175.00
180.00	2.84	5.47	5.84	4.34	1.88	1.44	0.83	180.00
185.00	-0.77	4.14	4.87	4.70	2.37	1.74	1.77	185.00
190.00	-1.73	2.74	2.44	2.44	2.44	1.87	1.68	190.00
195.00	-1.74	0.47	2.07	2.04	2.77	2.34	1.84	195.00
200.00	-1.88	-0.37	1.31	2.37	2.67	2.04	2.33	200.00
205.00	-1.84	-0.87	0.40	1.44	2.44	1.87	2.34	205.00
210.00	-1.44	-1.04	0.14	0.88	2.74	1.42	2.38	210.00
215.00	-1.00	-1.14	-0.74	0.44	2.04	1.48	2.43	215.00
220.00	-1.73	-1.43	-0.74	0.10	1.80	1.48	2.48	220.00
225.00	-1.41	-1.40	-0.33	0.33	1.83	1.38	2.43	225.00
230.00	-1.43	-1.74	-0.40	0.43	1.87	1.41	2.33	230.00
235.00	-1.44	-1.63	-0.77	0.40	2.13	1.48	2.44	235.00
240.00	-1.87	-2.04	-0.88	0.48	2.78	1.84	2.41	240.00
245.00	-1.47	-2.08	-0.44	0.41	2.41	2.08	2.73	245.00
250.00	-1.78	-2.08	-0.88	0.8	2.71	2.18	2.84	250.00
255.00	-1.70	-2.74	-0.61	0.	2.74	2.38	3.03	255.00
260.00	-1.88	-2.40	-0.83	0.18	2.77	2.18	3.73	260.00
265.00	-1.87	-2.78	-0.40	0.07	2.74	2.43	3.38	265.00
270.00	-1.87	-2.04	-1.23	-0.04	2.74	2.44	3.48	270.00
275.00	-1.80	-1.88	-1.07	-0.14	2.74	2.44	3.44	275.00
280.00	-1.74	-2.04	-1.13	-0.14	2.74	2.43	3.40	280.00
285.00	-1.41	-2.07	-1.14	-0.14	2.72	2.48	3.47	285.00
290.00	-1.40	2.01	-1.10	-0.00	2.70	2.87	3.71	290.00
295.00	-1.74	-1.88	-1.01	-0.07	2.67	2.43	3.79	295.00
300.00	-1.31	-1.80	-0.67	0.04	2.44	2.67	3.71	300.00
305.00	-1.38	-1.74	-0.44	0.13	2.67	2.77	3.77	305.00
310.00	-1.70	-1.77	-0.33	0.14	2.68	2.78	3.64	310.00
315.00	-0.88	-1.81	-0.77	-0.77	2.67	2.81	3.44	315.00
320.00	-0.77	-1.71	-0.64	-0.43	2.41	2.87	3.41	320.00
325.00	-0.18	-1.41	-0.40	-0.88	2.78	2.74	3.14	325.00
330.00	-0.00	-1.34	-0.48	-0.87	1.58	2.08	2.43	330.00
335.00	-0.44	-1.84	-0.48	-0.57	0.41	0.41	1.14	335.00
340.00	-0.81	-2.74	-0.70	0.70	0.47	-0.48	-0.43	340.00
345.00	-1.10	-3.47	-1.10	1.44	2.06	2.18	-1.88	345.00
350.00	-1.41	-4.44	-3.13	1.14	2.74	0.40	-1.83	350.00
355.00	-2.78	-6.77	-4.47	-1.07	1.83	0.88	-2.08	355.00
STATIC COMPONENTS								
	0.41	1.47	0.73	-0.41	-1.77	-2.11	-1.91	

BLADE LOADS

TEST 498	CNTR NO. 250				T.C.N. 33		C.R. 32	
SPAN STATION								
DEG	92.5	79.8	119.7	159.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
1.3	-2.95	-3.53	-2.57	-3.19	C.26	1.45	1.34	0.0
5.30	-2.14	-2.69	-2.80	-2.87	-C.38	0.72	0.91	5.00
10.30	-0.94	-2.16	-2.54	-2.75	-C.40	0.27	0.23	10.33
15.00	-0.44	-2.09	-2.20	-0.98	0.24	0.98	1.04	15.03
20.30	-0.30	-1.85	-1.61	-C.67	0.52	1.56	1.30	20.33
25.30	-0.81	-1.77	-1.00	0.03	0.67	1.98	1.25	25.33
30.30	-1.49	-1.24	-0.67	0.42	1.11	2.32	1.51	30.33
35.30	-1.24	-1.00	-0.29	1.13	1.74	2.94	2.14	35.33
40.30	-0.87	-0.97	0.05	2.07	2.21	3.54	2.81	40.33
45.30	-0.84	-0.92	0.53	2.81	2.44	3.69	3.39	45.33
50.00	-0.71	-0.82	0.97	3.23	2.58	3.89	3.78	50.03
55.00	-0.50	-0.61	1.27	3.57	2.80	4.23	3.26	55.03
60.30	-0.35	-0.47	1.44	3.28	2.38	4.44	3.17	60.33
65.30	-0.20	-0.37	1.47	3.33	1.95	3.67	4.12	65.33
70.30	-0.21	-0.14	1.34	2.65	1.65	2.30	3.31	70.33
75.00	-0.63	C.28	1.20	2.21	1.18	1.34	0.67	75.33
80.30	.13	C.39	1.08	1.72	0.42	1.12	-1.49	80.00
85.30	C.44	.72	0.92	1.05	-0.42	0.21	-3.73	85.00
90.30	C.83	1.27	0.82	0.34	-2.33	-3.52	-5.11	90.00
95.30	1.14	1.37	0.84	-C.32	-3.90	-8.02	-5.75	95.33
100.30	1.43	1.67	1.10	-C.89	-5.19	-10.65	-6.91	100.33
105.30	1.72	1.97	1.29	-1.58	-5.99	-11.57	-9.22	105.33
110.30	2.11	2.29	1.40	-2.36	-6.35	-11.18	-10.55	110.00
115.00	2.51	2.64	1.48	-3.15	-6.60	-9.55	-11.13	115.00
120.30	2.78	2.98	1.52	-3.41	-6.53	-8.53	-12.58	120.00
125.30	2.97	3.28	1.22	-3.53	-6.40	-8.58	-8.67	125.33
130.30	3.10	3.50	1.50	-3.35	-6.15	-8.65	-8.60	130.33
135.30	3.21	3.65	1.47	-2.83	-5.71	-7.70	-8.30	135.33
140.30	3.33	3.79	1.53	-2.25	-5.36	-6.88	-7.15	140.33
145.30	3.44	3.94	1.73	-1.52	-4.31	-5.96	-6.35	145.00
150.30	3.57	4.11	2.12	-0.74	-3.52	-4.89	-5.46	150.00
155.30	3.61	4.31	2.64	0.06	-2.64	-3.80	-4.27	155.33
160.30	3.61	4.47	3.17	0.67	-1.75	-2.69	-3.29	160.33
165.30	3.59	4.67	3.62	1.32	-0.97	-1.67	-2.27	165.33
170.30	3.48	4.32	3.91	1.99	-0.34	-0.74	-1.28	170.00
175.30	3.14	3.97	4.02	2.30	0.26	0.75	-0.40	175.00
180.30	2.59	3.51	3.87	2.37	0.75	0.61	0.27	180.00
185.30	1.92	2.87	3.46	2.31	1.11	1.21	0.72	185.33
190.30	1.19	2.37	2.98	2.15	1.32	1.24	1.01	190.33
195.30	C.58	1.17	2.25	1.99	1.37	1.33	1.18	195.33
200.30	C.22	C.38	1.40	1.52	1.33	1.33	1.24	200.00
205.30	-0.01	-C.15	1.00	1.15	1.23	1.30	1.28	205.00
210.30	-0.37	-C.41	0.43	0.78	1.14	1.25	1.31	210.00
215.30	-C.73	-C.53	0.13	C.44	1.05	1.20	1.34	215.33
220.30	-1.03	-C.76	-0.19	C.17	1.03	1.14	1.63	220.33
225.00	-1.24	-1.01	-0.46	-C.74	0.93	1.07	1.90	225.00
230.30	-1.39	-1.25	-C.70	-C.27	0.91	1.04	1.95	230.33
235.30	-1.48	-1.44	-C.93	-C.34	C.91	1.26	1.60	235.33
240.30	-1.48	-1.63	-1.19	-C.47	C.95	1.12	1.67	240.00
245.30	-1.44	-1.79	-1.41	-C.62	1.00	1.19	1.78	245.33
250.30	-1.45	-1.90	-1.55	-C.72	1.05	1.28	1.91	250.33
255.30	-1.46	-1.98	-1.63	-C.81	1.11	1.37	2.03	255.00
260.30	-1.49	-2.02	-1.69	-0.95	1.16	1.48	2.14	260.33
265.30	-1.48	-2.03	-1.73	-C.99	1.23	1.60	2.24	265.00
270.30	-1.44	-2.00	-1.75	-C.91	1.31	1.72	2.38	270.33
275.30	-1.44	-1.97	-1.75	-C.93	1.40	1.85	2.53	275.33
280.30	-1.42	-1.92	-1.82	-C.89	1.51	2.04	2.69	280.33
285.30	-1.40	-1.89	-1.82	-C.75	1.58	2.25	2.86	285.33
290.00	-1.37	-1.87	-1.80	-C.53	1.85	2.52	3.16	290.00
295.30	-1.33	-1.85	-1.88	-C.30	2.05	2.84	3.52	295.33
300.30	-1.28	-1.95	-1.88	-0.12	2.23	3.16	3.77	300.00
305.30	-1.25	-1.92	-1.84	-C.03	2.34	3.36	3.87	305.33
310.30	-1.21	-1.78	-1.86	C.04	2.40	3.49	3.97	310.33
315.30	-1.17	-1.75	-1.73	C.24	2.45	3.58	3.96	315.00
320.30	-1.15	-1.75	-1.57	C.01	2.40	3.58	3.99	320.00
325.30	-1.27	-1.74	-1.75	-C.34	2.25	3.40	3.67	325.33
330.30	-1.53	-1.67	-2.18	C.32	2.05	3.28	3.49	330.00
335.30	-1.79	-1.54	-2.51	C.21	1.86	2.71	2.97	335.33
340.30	-1.77	-1.42	-2.48	C.44	1.73	2.51	2.59	340.33
345.30	-1.86	-1.63	-2.53	-C.48	1.85	2.73	2.87	345.00
350.00	-2.12	-1.67	-2.40	-2.13	1.60	2.76	3.90	350.00
355.30	-2.55	-1.91	-2.88	-2.51	0.58	1.72	3.85	355.00
STATIC COMPONENTS								
	1.54	2.78	2.92	3.12	2.80	2.67	2.74	

BLADE LOADS

TEST 498	CNTF NO. 278				T.C.No. 34		C.No. 33	
SPAN STATION								
DEG	52.5	79.8	119.7	159.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-2.01	-3.77	-3.46	-0.79	-0.41	-1.44	-2.47	0.0
5.00	-0.98	-4.16	-3.63	-1.20	-0.11	0.10	-0.60	4.00
10.00	-0.22	-2.94	-4.73	-1.99	-0.18	0.87	0.69	10.00
15.00	-0.79	-1.91	-4.44	-2.04	-0.68	0.40	0.01	15.00
20.00	-0.61	-1.65	-3.36	-2.31	-0.63	0.17	-0.70	20.00
25.00	-0.97	-2.70	-1.87	-0.84	0.34	1.13	-0.03	25.00
30.00	-1.43	-2.82	-0.78	0.60	1.21	2.01	0.78	30.00
35.00	-1.81	-2.19	-0.25	1.75	1.78	2.73	1.62	35.00
40.00	-1.74	-1.50	0.31	2.64	2.39	3.69	2.94	40.00
45.00	-1.04	-0.97	0.52	3.24	3.13	4.90	4.54	45.00
50.00	-0.28	-0.76	1.27	3.52	3.88	4.74	5.49	50.00
55.00	0.10	-0.78	1.42	4.23	4.87	6.03	5.38	55.00
60.00	0.10	-0.91	1.90	4.16	4.29	6.07	3.93	60.00
65.00	-0.12	-0.98	1.38	3.54	4.34	4.67	2.94	65.00
70.00	-0.36	-0.88	1.04	2.53	3.50	1.05	1.05	70.00
75.00	-0.51	-0.68	0.51	1.42	1.42	0.45	-3.19	75.00
80.00	-0.56	-0.49	0.01	0.74	-1.17	-2.42	-5.80	80.00
85.00	-0.46	-0.34	-0.04	0.28	-1.96	-6.10	-7.15	85.00
90.00	-0.14	-0.13	0.22	-0.03	-3.92	-8.14	-8.39	90.00
95.00	0.36	0.42	0.81	0.39	-6.97	-8.07	-7.71	95.00
100.00	0.91	1.13	1.64	0.52	-7.94	-9.47	-1.12	100.00
105.00	1.45	1.89	2.42	-0.56	-6.38	-7.84	-1.67	105.00
110.00	1.98	2.52	2.52	-1.82	-4.82	-2.03	-1.86	110.00
115.00	2.46	3.10	3.05	-2.65	-4.37	-3.47	-1.62	115.00
120.00	2.83	3.75	2.69	-3.15	-4.20	-6.05	-3.55	120.00
125.00	3.14	4.23	1.76	-3.48	-6.04	-4.95	-6.09	125.00
130.00	3.40	4.52	0.42	-3.74	-7.91	-6.69	-6.94	130.00
135.00	3.59	4.63	0.12	-3.88	-6.54	-9.37	-7.73	135.00
140.00	3.69	4.63	0.19	-3.75	-5.64	-9.44	-10.27	140.00
145.00	3.66	4.51	0.47	-3.38	-4.39	-8.38	-9.41	145.00
150.00	3.55	4.38	0.41	-2.89	-4.75	-7.53	-8.51	150.00
155.00	3.51	4.41	1.48	-2.11	-4.66	-6.53	-7.17	155.00
160.00	3.48	4.64	2.06	-1.29	-3.53	-4.22	-6.19	160.00
165.00	3.32	4.01	2.69	-0.31	-2.40	-3.79	-4.84	165.00
170.00	2.95	4.21	3.34	0.77	-1.74	-2.30	-3.33	170.00
175.00	2.34	3.16	3.95	1.59	-0.30	-0.97	-1.40	175.00
180.00	1.68	4.01	4.01	2.04	0.55	0.08	-0.54	180.00
185.00	1.02	3.88	3.81	2.32	1.22	0.98	.45	185.00
190.00	0.39	2.82	3.30	2.34	1.72	1.42	1.15	190.00
195.00	-0.30	1.64	2.60	2.19	1.97	1.97	1.57	195.00
200.00	-0.81	0.64	1.75	1.98	2.02	2.08	2.71	200.00
205.00	-1.15	-0.04	1.09	1.74	1.96	2.04	1.74	205.00
210.00	-1.27	-0.46	0.47	1.45	1.89	1.94	1.82	210.00
215.00	-1.34	-0.84	0.70	1.10	1.80	1.89	1.44	215.00
220.00	-1.40	-1.15	-0.09	0.83	1.74	1.84	1.82	220.00
225.00	-1.40	-1.41	-0.24	0.66	1.70	1.81	1.84	225.00
230.00	-1.39	-1.64	-0.47	0.57	1.71	1.80	1.80	230.00
235.00	-1.32	-1.84	-0.72	0.57	1.75	1.84	1.99	235.00
240.00	-1.19	-1.97	-1.00	0.18	1.79	1.88	2.09	240.00
245.00	-1.09	-1.90	-1.27	0.01	1.82	1.90	2.19	245.00
250.00	-1.09	-1.86	-1.43	-0.16	1.82	1.98	2.27	250.00
255.00	-1.13	-1.84	-1.49	-0.34	1.82	1.89	2.34	255.00
260.00	-1.13	-1.82	-1.44	-0.50	1.88	1.97	2.45	260.00
265.00	-1.12	-1.77	-1.45	-0.61	1.79	1.84	2.52	265.00
270.00	-1.12	-1.72	-1.45	-0.64	1.81	1.87	2.57	270.00
275.00	-1.17	-1.70	-1.43	-0.63	1.86	1.85	2.62	275.00
280.00	-1.21	-1.70	-1.40	-0.94	1.93	2.04	2.67	280.00
285.00	-1.22	-1.65	-1.36	-0.39	2.02	2.14	2.74	285.00
290.00	-1.17	-1.70	-1.32	-0.18	2.14	2.33	2.86	290.00
295.00	-1.12	-1.73	-1.32	-0.01	2.26	2.56	3.03	295.00
300.00	-1.09	-1.80	-1.31	0.09	2.41	2.84	3.21	300.00
305.00	-1.11	-1.84	-1.29	0.20	2.54	3.10	3.34	305.00
310.00	-1.13	-1.77	-1.29	0.30	2.68	3.33	3.46	310.00
315.00	-1.01	-1.59	-1.29	0.37	2.62	3.44	3.63	315.00
320.00	-0.72	-1.50	-1.29	0.37	2.60	3.52	3.80	320.00
325.00	-0.40	-1.37	-1.29	0.22	2.60	3.60	3.90	325.00
330.00	-0.21	-1.14	-1.26	-0.28	2.49	3.57	3.83	330.00
335.00	-0.40	-1.17	-1.19	-1.83	2.39	3.44	3.61	335.00
340.00	-1.11	-1.31	-0.99	-1.60	1.95	3.09	3.25	340.00
345.00	-1.27	-1.54	-0.86	-1.24	0.68	1.70	2.44	345.00
350.00	-1.44	-1.73	-1.28	-0.15	-0.64	-0.31	0.17	350.00
355.00	-2.01	-2.28	-2.87	-0.14	-1.15	-7.04	-7.01	355.00
STATIC COMPONENTS								
	0.47	1.00	0.87	0.17	0.36	-0.37	0.86	

BLADE LOADS

TEST 901								
CNTR NO. 246								
T.C.No. 35								
C.R. 41								
SPAN STATION								
DEG	52.5	79.8	119.7	159.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-3.42	-3.58	-5.26	-2.35	0.19	0.61	1.25	0.3
5.0	0.37	-3.99	-5.27	-3.71	0.85	3.22	3.78	5.02
10.0	-0.02	-2.29	-5.20	-3.73	0.66	1.62	1.99	10.00
15.0	-0.86	-1.25	-4.63	-2.93	-1.09	-0.66	-1.49	15.00
20.0	-1.63	-1.04	-2.84	-1.77	-1.24	-1.28	-2.64	20.00
25.0	-2.29	-2.58	-1.30	-0.40	-0.16	-0.08	-1.79	25.00
30.0	-2.24	-2.99	-0.60	0.47	0.94	1.23	-0.28	30.00
35.0	-2.39	-2.82	-0.54	1.73	1.67	1.91	1.14	35.00
40.0	-2.15	-2.60	-0.08	2.56	2.48	3.17	3.12	40.00
45.0	-1.78	-2.35	0.19	3.18	3.42	4.29	4.10	45.00
50.0	-1.21	-2.14	0.09	3.58	4.25	5.20	5.1	50.00
55.0	-0.46	-1.95	0.14	3.39	4.39	4.67	1.95	55.00
60.0	-0.35	-1.87	0.43	3.04	3.96	2.21	0.64	60.00
65.0	-0.71	-1.77	0.79	3.11	2.38	1.89	-0.97	65.00
70.0	-0.97	-1.41	1.10	3.07	1.27	-0.19	-2.33	70.00
75.0	-0.98	-0.91	1.38	3.24	-0.96	-1.72	-2.61	75.00
80.0	-0.81	-0.26	1.52	3.37	-2.22	-1.09	-1.56	80.00
85.0	-0.43	0.03	2.18	2.14	-1.65	-1.80	-2.45	85.00
90.0	0.06	0.43	2.53	1.57	-2.35	-3.78	-3.04	90.00
95.0	0.68	1.25	2.59	2.33	-4.64	-5.39	-3.55	95.00
100.0	1.46	1.78	2.78	0.51	-6.81	-6.87	-2.44	100.00
105.0	2.13	2.49	2.33	-0.25	-6.51	-3.11	-1.71	105.00
110.0	2.61	2.90	1.46	-6.73	-4.40	-2.24	-1.97	110.00
115.0	2.88	3.11	0.36	-6.53	-4.10	-2.53	-3.98	115.00
120.0	3.97	3.36	-0.42	-6.73	-6.99	-3.65	-6.80	120.00
125.0	3.01	3.68	-1.76	-7.02	-9.27	-6.12	-6.81	125.00
130.0	3.14	3.82	-1.35	-6.03	-10.22	-9.25	-7.35	130.00
135.0	3.45	3.98	-0.36	-4.66	-8.87	-9.88	-8.93	135.00
140.0	3.77	4.14	0.43	-2.94	-6.31	-9.24	-9.22	140.00
145.0	3.97	4.39	1.08	-1.23	-4.55	-6.88	-6.72	145.00
150.0	4.71	4.71	1.72	-0.31	-3.17	-4.51	-5.14	150.00
155.0	3.45	5.29	2.35	0.39	-2.71	-3.19	-4.65	155.00
160.0	3.65	5.46	3.00	0.91	-1.81	-2.51	-3.83	160.00
165.0	3.31	5.72	3.62	1.43	-1.04	-1.77	-2.89	165.00
170.0	2.70	5.71	4.35	1.99	-0.41	-1.23	-1.85	170.00
175.0	1.87	5.35	4.63	2.32	0.17	-0.56	-0.99	175.00
180.0	1.03	4.54	4.49	2.55	0.78	0.25	-0.29	180.00
185.0	0.24	3.61	3.52	2.73	1.32	0.52	0.23	185.00
190.0	-0.47	2.62	2.21	2.59	1.69	0.91	0.66	190.00
195.0	-1.01	1.75	2.41	2.33	1.90	1.24	1.11	195.00
200.0	-1.28	-0.03	1.44	2.10	1.98	1.41	1.50	200.00
205.0	-1.33	-0.40	0.70	1.83	1.96	1.42	1.76	205.00
210.0	-1.34	-0.77	0.03	0.94	1.91	1.45	1.96	210.00
215.0	-1.33	-1.04	-0.62	0.62	1.92	1.39	2.19	215.00
220.0	-1.37	-1.28	-0.25	0.42	1.65	1.28	2.14	220.00
225.0	-1.32	-1.43	-0.33	0.33	1.45	1.20	2.12	225.00
230.0	-1.23	-1.63	-0.48	0.35	1.56	1.19	2.06	230.00
235.0	-1.17	-1.64	-0.68	0.36	1.55	1.36	2.08	235.00
240.0	-1.16	-1.54	-0.81	0.33	1.40	1.53	2.11	240.00
245.0	-1.16	-1.72	-0.89	0.39	1.90	1.58	2.12	245.00
250.0	-1.19	-1.83	-0.45	0.42	1.96	1.63	2.18	250.00
255.0	-1.26	-1.92	-0.79	0.31	1.98	1.73	2.38	255.00
260.0	-1.31	-1.97	-0.60	0.21	2.00	1.77	2.57	260.00
265.0	-1.27	-1.87	-0.91	0.13	2.32	1.81	2.74	265.00
270.0	-1.21	-1.68	-1.00	0.01	2.75	1.48	2.86	270.00
275.0	-1.12	-1.73	-0.64	-0.15	2.08	1.92	2.93	275.00
280.0	-1.09	-1.92	-1.19	-0.17	2.10	1.46	2.99	280.00
285.0	-1.02	-1.96	-1.09	-0.12	2.12	2.01	3.04	285.00
290.0	-0.91	-1.77	-1.08	-0.07	2.16	2.39	3.13	290.00
295.0	-0.87	-1.64	-1.07	-0.01	2.24	2.21	3.26	295.00
300.0	-0.85	-1.64	-1.04	0.06	2.32	2.37	3.32	300.00
305.0	-0.47	-1.65	-0.97	0.14	2.37	2.47	3.32	305.00
310.0	-0.67	-1.67	-0.88	0.26	2.39	2.4	3.29	310.00
315.0	-0.48	-1.52	-0.75	0.23	2.58	2.57	3.26	315.00
320.0	-0.26	-1.50	-0.71	-0.01	2.78	2.73	3.30	320.00
325.0	-0.08	-1.42	-0.78	-0.40	2.87	2.90	3.29	325.00
330.0	-0.76	-1.37	-0.79	-0.79	2.52	3.01	3.14	330.00
335.0	-0.92	-1.05	-0.63	-0.97	1.37	2.91	2.70	335.00
340.0	-1.17	-1.01	-0.57	-1.02	0.28	0.95	1.66	340.00
345.0	-1.37	-0.73	-0.91	0.10	-0.28	-0.45	-0.01	345.00
350.0	-1.25	-0.22	-2.30	0.42	0.38	-0.25	-0.73	350.00
355.0	-0.60	-1.43	-0.94	-0.69	0.02	-1.32	-0.42	355.00
STATIC COMPONENTS								
	0.61	1.13	0.69	-0.73	-0.98	-0.85	-0.33	

BLADE LOADS

TEST 502

CNTR NO. 175

T.C.N. 36

C.R. 44

SPAN STATION

DEG	52.5	79.8	119.7	155.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	-2.56	-4.19	-3.21	-1.53	1.32	1.99	1.57
5.00	-2.51	-3.32	-3.94	-1.97	-0.17	0.23	0.40
10.00	-1.65	-2.37	-2.78	-1.17	-0.35	0.69	0.34
15.00	-0.76	-1.14	-2.12	-1.73	-0.14	1.21	0.41
20.00	-0.30	-1.33	-2.25	-1.25	0.18	1.44	0.40
25.00	-0.44	-1.45	-1.97	-0.94	0.51	1.74	0.45
30.00	-1.38	-1.64	-1.42	0.09	1.05	2.35	1.14
35.00	-1.21	-1.18	-0.99	0.92	1.87	3.20	1.88
40.00	-0.85	-0.88	-0.55	2.11	2.69	3.53	2.64
45.00	-0.74	-0.69	0.21	2.98	3.79	4.49	3.25
50.00	-0.53	-0.50	0.77	3.48	4.21	5.03	3.84
55.00	-0.32	-0.31	1.00	3.76	4.21	5.06	4.35
60.00	-0.13	-0.16	1.12	3.65	3.82	4.70	4.61
65.00	-0.03	-0.23	1.16	3.23	3.05	3.85	3.09
70.00	0.04	0.79	1.11	2.69	2.10	2.48	1.86
75.00	0.12	0.69	1.08	2.11	1.03	0.86	0.62
80.00	0.27	1.13	1.06	1.57	-0.35	-0.72	-0.91
85.00	0.48	1.54	1.05	1.06	-1.14	-2.34	-2.29
90.00	0.74	1.87	1.07	0.69	-2.12	-3.80	-3.55
95.00	1.14	2.23	1.14	0.52	-3.09	-5.27	-5.34
100.00	1.56	2.55	1.28	0.57	-4.71	-6.19	-6.63
105.00	1.96	2.86	1.42	0.26	-4.95	-7.15	-7.64
110.00	2.34	3.13	1.49	-0.31	-5.82	-7.90	-8.44
115.00	2.73	3.43	1.46	-0.86	-6.92	-8.42	-8.95
120.00	3.06	3.65	1.51	-1.16	-7.55	-8.63	-9.23
125.00	3.29	3.89	1.59	-1.05	-7.22	-8.61	-9.22
130.00	3.42	4.15	1.71	-2.19	-7.17	-8.43	-9.64
135.00	3.52	4.43	1.87	-2.12	-6.86	-8.11	-8.77
140.00	3.64	4.67	2.12	-1.76	-6.30	-7.58	-8.20
145.00	3.71	4.85	2.41	-1.19	-5.59	-6.89	-7.40
150.00	3.88	4.99	2.75	-0.51	-4.82	-5.95	-6.48
155.00	3.28	5.16	3.12	0.22	-4.21	-4.76	-5.49
160.00	3.39	5.28	3.56	0.90	-3.12	-3.80	-4.47
165.00	3.13	5.34	3.91	1.64	-2.14	-2.84	-3.65
170.00	2.83	5.26	4.18	2.39	-1.75	-1.82	-2.44
175.00	2.50	4.99	4.28	2.27	-0.52	-1.15	-1.49
180.00	2.39	4.56	4.12	2.27	0.35	-0.71	-0.76
185.00	1.58	3.97	3.74	2.08	0.51	-0.43	-0.29
190.00	1.03	3.25	3.16	1.84	0.61	-0.17	0.22
195.00	0.52	2.48	2.50	1.52	0.69	0.22	0.22
200.00	0.33	1.64	1.75	1.17	0.69	0.14	0.29
205.00	-0.40	0.84	1.75	0.83	0.65	0.19	0.32
210.00	-0.68	0.16	0.66	0.48	0.58	0.17	0.40
215.00	-0.93	-0.35	0.16	0.12	0.57	0.12	0.52
220.00	-1.06	-0.78	-0.28	-0.14	0.55	0.28	0.64
225.00	-1.19	-1.18	-0.63	-0.36	0.54	0.12	0.77
230.00	-1.39	-1.53	-0.94	-0.53	0.59	0.22	0.93
235.00	-1.59	-1.79	-1.26	-0.66	0.70	0.36	1.12
240.00	-1.65	-1.97	-1.56	-0.77	0.89	0.54	1.37
245.00	-1.85	-2.16	-1.85	-0.95	1.13	0.74	1.72
250.00	-1.67	-2.32	-2.10	-0.92	1.33	1.11	2.11
255.00	-1.72	-2.46	-2.36	-0.97	1.60	1.48	2.53
260.00	-1.76	-2.52	-2.45	-1.27	1.82	1.85	2.93
265.00	-1.78	-2.55	-2.54	-1.39	2.05	2.16	3.31
270.00	-1.78	-2.63	-2.61	-0.97	2.15	2.43	3.66
275.00	-1.74	-2.72	-2.67	-0.93	2.31	2.68	4.30
280.00	-1.68	-2.74	-2.71	-0.91	2.44	2.94	4.24
285.00	-1.61	-2.80	-2.73	-0.93	2.53	3.17	4.33
290.00	-1.56	-2.77	-2.77	-0.87	2.54	3.29	4.26
295.00	-1.51	-2.76	-2.85	-0.83	2.45	3.26	4.05
300.00	-1.49	-2.79	-2.93	-0.76	2.34	3.21	3.83
305.00	-1.48	-2.79	-2.97	-0.67	2.30	3.23	3.74
310.00	-1.4	-2.77	-3.10	-0.60	2.35	3.44	3.85
315.00	-1.49	-2.75	-2.99	-0.59	2.43	3.77	4.02
320.00	-1.50	-2.74	-2.82	-0.68	2.47	3.96	4.27
325.00	-1.55	-2.73	-2.53	-0.82	2.42	3.92	4.41
330.00	-1.59	-2.73	-2.31	-0.82	2.18	3.67	4.25
335.00	-1.49	-2.76	-2.79	-0.70	1.76	3.25	3.74
340.00	-1.03	-2.92	-3.47	-0.76	1.40	2.49	3.33
345.00	-0.70	-3.28	1.72	-1.23	1.28	2.49	3.48
350.00	-0.6	-4.32	2.73	-2.82	1.44	3.22	4.15
355.00	-1.74	-5.26	1.27	-3.60	1.57	3.39	3.55

STATIC COMPONENTS

1.02 3.00 5.16 5.48 3.10 4.32 3.26

BLADE LOADS

TEST 502		CNTR NO. 100		I.C.N. 37		C.R. 45	
SPAN STATION							
DEG	52.5	79.0	119.7	155.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
9.3	-2.50	-3.25	-3.56	-2.18	-0.26	1.25	0.95
5.30	-2.24	-2.77	-3.52	-1.65	-0.92	0.50	0.44
13.30	-1.93	-2.53	-2.65	-2.03	-1.04	0.14	-0.48
15.30	-1.50	-2.09	-2.59	-2.30	0.63	0.46	-0.63
20.30	-1.50	-2.09	-2.13	-2.52	-0.50	0.57	-0.33
25.30	-1.26	-2.29	-2.02	-1.31	-0.55	1.29	0.42
30.30	-1.74	-1.59	-1.74	-0.36	1.64	2.62	1.65
35.30	-1.48	-1.20	-1.02	0.84	2.30	3.85	2.48
40.30	-1.17	-1.01	-0.37	2.35	3.41	4.49	3.40
45.30	-0.48	-0.73	0.36	2.93	3.86	4.6	4.02
50.30	0.02	-0.45	1.66	3.32	3.63	4.89	4.38
55.30	0.11	-0.29	1.40	3.39	3.70	4.99	3.98
60.30	0.00	-0.01	1.47	3.10	3.00	4.74	3.31
65.30	0.14	1.37	1.37	2.81	2.11	3.77	2.43
70.30	0.30	1.94	1.36	2.44	1.13	2.20	1.22
75.30	0.51	1.26	1.51	1.97	1.24	0.58	-0.19
80.30	0.80	1.64	1.71	1.49	-0.53	-0.75	-1.39
85.30	1.13	2.19	1.75	1.21	-1.32	-2.31	-2.27
90.30	1.49	2.57	1.85	1.39	-1.90	-3.17	-3.04
95.30	1.95	3.03	2.07	1.10	-2.48	-4.24	-4.22
100.30	2.24	3.44	2.35	1.39	-3.22	-5.30	-5.72
105.30	2.66	3.77	2.49	0.92	-4.10	-6.22	-6.72
110.30	3.18	4.03	2.49	-0.05	-4.86	-6.90	-7.60
115.30	3.45	4.25	2.49	-0.50	-5.39	-7.37	-8.26
120.30	3.74	4.55	2.56	-0.76	-5.70	-7.60	-8.46
125.30	3.99	4.86	2.68	-0.76	-5.87	-7.58	-8.37
130.30	4.15	5.14	2.80	-0.82	-5.84	-7.35	-8.13
135.30	4.23	5.27	2.95	-0.71	-5.58	-6.92	-7.81
140.30	4.24	5.35	3.20	-0.44	-5.00	-6.32	-7.23
145.30	4.19	5.42	3.55	0.31	-4.46	-5.60	-6.51
150.30	4.07	5.52	3.62	0.55	-3.68	-4.81	-5.69
155.30	3.88	5.58	4.26	1.11	-2.81	-3.61	-4.79
160.30	3.60	5.59	4.55	1.63	-1.94	-2.97	-3.82
165.30	3.24	5.51	4.76	2.15	-1.16	-2.09	-2.82
170.30	2.82	5.27	4.87	2.45	-0.55	-1.37	-1.90
175.30	2.32	4.89	4.81	2.53	-0.05	-0.91	-1.19
180.30	1.82	4.32	4.53	2.47	0.28	-0.57	-0.65
185.30	1.28	3.57	4.03	2.14	0.49	-0.23	-0.28
190.30	0.78	2.73	3.30	1.87	0.58	0.13	-0.03
195.30	0.33	1.85	2.64	1.50	0.60	0.10	0.10
200.30	-0.03	1.04	1.90	1.11	0.56	0.29	0.18
205.30	-0.31	0.34	1.21	0.70	0.44	-0.02	0.27
210.30	-0.65	-0.22	0.65	0.29	0.44	-0.58	0.24
215.30	-1.00	-0.67	0.19	0.33	0.36	-0.11	0.30
220.30	-1.37	-1.06	-0.29	0.25	0.33	-0.09	0.44
225.30	-1.67	-1.38	-0.70	0.48	0.35	-0.31	0.61
230.30	-1.84	-1.53	-1.05	-0.70	0.43	0.13	0.89
235.30	-1.94	-1.74	-1.39	-1.31	0.56	0.31	1.22
240.30	-1.99	-2.00	-1.74	-1.10	0.73	0.52	1.56
245.30	-2.07	-2.31	-2.33	-1.24	1.00	0.78	1.92
250.30	-2.00	-2.67	-2.53	-1.33	1.24	1.09	2.31
255.30	-2.00	-2.77	-2.74	-1.38	1.52	1.40	2.70
260.30	-2.04	-3.00	-2.87	-1.40	1.71	1.73	3.08
265.30	-1.99	-3.27	-2.93	-1.43	1.84	2.07	3.43
270.30	-1.97	-3.33	-3.01	-1.46	1.92	2.35	3.73
275.30	-1.95	-3.33	-3.03	-1.56	2.00	2.53	3.94
280.30	-1.93	-3.32	-3.00	-1.59	2.01	2.61	3.99
285.30	-1.91	-3.29	-3.00	-1.59	2.00	2.60	3.78
290.30	-1.91	-3.26	-3.10	-1.62	2.00	2.50	3.44
295.30	-1.91	-3.26	-3.10	-1.64	2.01	2.38	3.22
300.30	-1.88	-3.41	-3.61	-1.38	2.02	2.3	3.19
305.30	-1.86	-3.39	-3.60	-1.73	2.04	2.48	3.41
310.30	-1.84	-3.30	-3.46	-1.15	2.20	2.66	3.76
315.30	-1.81	-3.18	-3.46	-1.23	2.44	3.30	4.15
320.30	-1.87	-3.17	-3.22	-1.32	2.59	3.55	4.42
325.30	-2.06	-3.04	-2.97	-1.47	2.32	3.45	4.30
330.30	-2.10	-3.13	-2.50	-1.72	2.04	2.94	3.81
335.30	-1.86	-3.36	-1.41	-1.91	1.84	2.33	3.46
340.30	-1.17	-3.97	-1.50	-1.43	1.69	2.41	3.28
345.30	-1.56	-4.47	-1.89	-0.30	1.20	2.25	2.89
350.30	-2.21	-3.31	-3.11	-0.47	0.13	0.81	0.56
STATIC COMPONENTS							
	1.04	4.36	6.41	7.73	5.45	5.98	5.79

TEXT NOT REPRODUCIBLE

BLADE LOADS

TEST 503	CUTR NO. 100		T.C.M. 30		C.R. 30		
SPAN STATION							
DEG	52.5	79.8	119.7	155.5	170.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	-3.64	-3.81	-4.43	-4.53	-4.61	-0.76	-0.59
5.00	-2.67	-3.10	-4.40	-1.79	-2.51	-2.10	-1.71
10.00	-1.84	-4.77	-5.18	-1.84	-1.79	-1.15	-1.15
15.00	-0.68	-3.76	-2.55	-3.64	-0.60	0.46	0.07
20.00	-0.77	-2.31	-2.80	-2.45	-0.03	1.40	2.06
25.00	-1.97	-2.31	-2.31	-1.65	0.49	1.05	1.34
30.00	-1.76	-1.59	-1.54	-0.73	1.63	2.42	2.34
35.00	-1.67	-1.75	-0.67	1.76	3.07	4.16	3.05
40.00	-1.67	-1.86	-0.67	2.88	4.17	5.30	4.04
45.00	-1.14	-1.56	0.65	4.67	4.83	6.41	6.25
50.00	-0.67	-1.36	1.45	4.73	5.06	7.20	6.70
55.00	-0.77	-1.01	1.66	4.66	4.80	7.10	5.49
60.00	-0.63	-0.66	1.16	4.74	4.74	6.87	5.14
65.00	-0.67	-0.47	2.22	4.31	4.40	6.25	4.80
70.00	-0.84	-0.14	2.66	3.68	3.93	4.53	4.53
75.00	-0.77	0.74	1.63	2.68	2.44	3.92	1.00
80.00	0.00	0.78	1.63	2.68	0.70	3.10	-1.00
85.00	0.66	1.43	2.68	2.67	-0.70	1.77	-4.40
90.00	1.17	2.66	2.28	1.74	-2.77	0.43	-4.14
95.00	1.78	2.64	2.28	1.10	-3.06	-2.64	-6.04
100.00	2.38	2.72	2.83	0.77	-3.31	-3.37	-7.83
105.00	2.67	2.77	2.14	-0.14	-4.83	-10.44	-9.41
110.00	2.68	4.30	2.67	-0.64	-7.70	-11.53	-13.04
115.00	4.10	4.67	2.94	-1.73	-9.06	-10.07	-13.73
120.00	4.67	6.33	2.60	-2.33	-9.17	-10.71	-11.74
125.00	4.64	6.35	2.66	-3.72	-7.06	-10.60	-12.50
130.00	4.73	6.73	2.60	-3.86	-7.41	-10.84	-10.73
135.00	4.70	6.74	2.67	-3.70	-7.11	-9.87	-9.44
140.00	4.73	6.64	2.61	-0.60	-6.74	-9.07	-8.03
145.00	4.77	6.70	2.55	-0.14	-6.86	-8.07	-7.84
150.00	4.77	7.17	4.00	0.68	-4.70	-6.70	-4.63
155.00	4.10	7.26	4.00	1.47	-3.10	-4.31	-3.20
160.00	4.84	7.43	4.78	2.38	-1.80	-2.84	-4.36
165.00	4.44	7.34	4.11	2.47	-0.77	-1.74	-2.77
170.00	3.64	7.06	4.20	2.47	0.11	-0.70	-1.00
175.00	3.70	6.06	4.10	2.46	0.74	-0.14	-0.44
180.00	7.43	6.07	4.06	2.47	1.10	0.34	0.04
185.00	1.43	4.47	4.07	2.33	1.46	0.65	0.44
190.00	0.67	3.14	4.17	2.43	1.46	0.70	0.73
195.00	-0.11	1.51	2.10	2.14	1.23	0.70	0.41
200.00	-0.48	0.70	1.10	1.71	1.33	0.64	1.07
205.00	-0.63	-0.67	1.50	1.06	1.00	0.44	1.04
210.00	-1.40	-0.67	0.63	0.43	0.94	0.70	1.04
215.00	-1.83	-0.66	-0.76	-0.63	0.74	0.10	1.01
220.00	-1.70	-1.55	-0.61	-0.61	0.64	-0.61	0.64
225.00	-2.04	-1.80	-1.63	-0.67	0.64	-0.04	1.07
230.00	-2.14	-2.33	-1.60	-1.73	0.63	-0.00	1.14
235.00	-2.14	-2.73	-2.05	-2.08	0.64	0.04	1.34
240.00	-2.77	-2.66	-2.46	-1.04	0.77	0.14	1.46
245.00	-2.14	-2.73	-2.14	-0.67	0.64	0.10	1.01
250.00	-2.14	-2.66	-2.66	-0.73	0.70	0.24	0.64
255.00	-2.14	-2.61	-2.77	-0.43	0.67	0.61	2.20
260.00	-2.00	-2.64	-2.30	-0.43	0.67	0.74	2.44
265.00	-2.00	-2.67	-2.41	-0.46	1.00	0.64	2.00
270.00	-1.66	-2.60	-2.77	-0.47	1.10	1.14	2.07
275.00	-1.66	-2.67	-2.77	-0.46	1.20	1.10	3.34
280.00	-1.66	-2.60	-2.77	-0.46	1.00	1.77	3.04
285.00	-1.67	-2.47	-2.61	-0.74	1.45	2.10	4.01
290.00	-1.74	-2.47	-2.74	-1.00	1.00	2.46	4.35
295.00	-1.66	-2.30	-2.71	-0.64	2.70	3.07	4.67
300.00	-1.66	-2.74	-2.74	-1.77	2.47	3.63	4.00
305.00	-1.66	-2.77	-2.46	-0.20	2.77	3.77	4.00
310.00	-1.66	-2.77	-2.46	-1.17	2.67	3.00	4.01
315.00	-1.66	-2.73	-2.71	-1.10	2.67	4.70	4.00
320.00	-1.67	-2.67	-2.14	-1.00	2.00	4.33	4.04
325.00	-1.66	-2.67	-2.70	-1.00	2.64	4.14	4.76
330.00	-1.66	-2.73	-2.60	-0.67	2.70	3.00	4.42
335.00	-2.60	-2.66	-0.1	-0.40	2.22	2.00	3.00
340.00	-2.66	-2.66	-0.70	-0.70	2.44	2.44	3.44
345.00	-1.66	-2.66	-0.66	-0.66	2.66	2.70	3.11
350.00	-2.11	-2.66	-0.71	-0.10	1.21	1.77	2.91
355.00	-2.78	-2.66	-0.64	-2.43	-1.11	-0.66	1.23
STATIC COMPONENTS							
	1.63	2.00	4.64	3.74	4.12	4.50	3.40

BLADE LOADS

TEST 494	CNTR NO. 226			T.C.R. 39		C.R. 08		
SPAN STATION								
DES	92.5	79.8	119.7	153.3	178.5	189.8	199.5	
DYNAMIC COMPONENTS								
0.3	-3.37	-3.30	-4.67	-2.10	-0.79	-1.09	-2.87	5.5
5.36	-2.68	-5.17	-5.36	-3.30	-0.34	0.43	-0.54	5.32
10.00	-1.78	-4.00	-6.30	-1.93	-1.05	0.30	0.25	18.82
15.00	-1.01	-3.31	-6.47	-2.75	-1.23	0.20	-0.74	15.00
20.33	-0.70	-1.73	-5.35	-2.05	-1.03	0.31	-1.20	25.00
25.36	-0.04	-2.76	-3.50	-1.60	0.10	1.30	-0.25	25.00
30.30	-1.94	-4.30	-1.64	0.13	2.04	2.42	0.90	30.33
35.00	-2.45	-4.10	-0.13	1.05	3.21	3.45	1.48	35.25
40.00	-2.83	-3.64	0.23	3.32	3.92	4.97	2.90	40.02
45.00	-1.99	-2.50	1.15	4.31	4.62	6.44	4.83	45.00
50.36	-0.00	-1.52	1.79	5.10	5.49	7.83	6.94	50.00
55.36	0.01	-1.36	1.94	5.94	6.14	8.72	8.44	55.00
60.00	0.26	-1.36	1.70	5.77	6.40	9.51	7.73	60.33
65.36	0.39	-1.48	1.70	5.27	6.16	8.64	6.95	65.03
70.36	-0.13	-1.21	1.82	5.23	5.73	9.89	4.30	70.00
75.00	-0.41	-1.45	1.64	7.99	4.41	1.82	1.41	75.00
80.30	-0.64	-1.22	3.12	1.82	1.24	0.41	-3.37	80.00
85.00	-0.56	-0.06	-0.45	0.81	-0.07	-3.56	-7.37	85.00
90.00	-3.10	-0.37	-0.21	0.00	-3.26	-11.96	-0.45	90.33
95.00	0.51	0.10	0.69	0.32	-4.38	-15.93	-0.51	95.00
100.00	1.32	0.99	1.82	0.33	-0.82	-13.36	-0.69	100.00
105.00	7.11	2.85	2.90	-0.44	-0.61	-10.37	-4.50	105.00
110.30	2.95	3.19	3.90	-1.44	-7.07	-7.15	-1.90	110.00
115.30	3.76	4.27	4.25	-2.67	-5.38	-6.94	-1.89	115.33
120.00	4.53	3.35	4.40	-3.67	-4.99	-7.00	-4.03	120.00
125.36	5.20	6.30	3.35	-3.62	-9.69	-0.80	-7.91	125.00
130.00	5.64	6.99	1.75	-3.93	-10.30	-7.24	-7.72	130.00
135.00	5.00	7.10	3.03	-4.47	-0.72	-12.33	-10.14	135.33
140.33	5.99	7.25	0.75	-4.73	-10.01	-12.30	-14.82	140.00
145.30	6.02	7.10	1.11	-4.65	-10.67	-11.24	-12.43	145.33
150.30	5.99	6.97	1.30	-4.17	-9.91	-11.71	-11.41	150.33
155.36	5.00	6.76	1.75	-3.22	-0.20	-9.58	-9.90	155.00
160.30	5.64	6.73	2.45	-1.00	-0.59	-8.19	-8.06	160.00
165.36	5.06	6.99	3.20	-0.59	-4.99	-6.13	-7.22	165.00
170.30	4.57	7.37	4.10	0.70	-3.29	-3.77	-4.97	170.00
175.36	3.99	7.51	5.43	2.36	-1.45	-1.59	-2.86	175.00
180.36	3.20	7.17	5.45	3.89	0.03	0.21	-1.01	180.33
185.36	2.39	6.37	5.36	3.43	1.10	1.45	0.52	185.33
190.30	1.22	5.06	4.69	3.19	2.13	2.16	1.54	190.00
195.36	0.03	3.30	3.87	2.89	2.59	2.41	2.14	195.00
200.33	-0.96	1.64	2.45	2.59	2.73	2.51	2.45	200.00
205.36	-1.62	0.45	2.63	2.23	2.57	2.48	2.44	205.33
210.00	-2.04	-0.47	1.10	1.01	2.35	2.38	2.37	210.33
215.36	-2.24	-1.16	0.53	1.49	2.23	2.30	2.23	215.33
220.36	-2.30	-1.73	-0.60	1.10	2.10	2.20	2.15	220.00
225.00	-2.51	-2.19	-0.50	0.05	2.03	2.29	2.24	225.00
230.30	-2.44	-2.49	-0.06	0.51	2.00	2.33	2.43	230.00
235.33	-2.39	-2.72	-1.10	0.21	2.03	2.44	2.61	235.33
240.00	-2.20	-2.09	-1.90	-0.32	2.00	2.50	2.79	240.33
245.36	-2.25	-3.70	-1.76	-0.22	2.12	2.60	2.95	245.00
250.00	-2.22	-3.01	-1.96	-0.39	2.14	2.69	3.09	250.33
255.30	-2.23	-3.00	-2.10	-0.55	2.13	2.77	3.21	255.00
260.33	-2.20	-2.96	-2.19	-0.71	2.11	2.84	3.31	260.00
265.36	-2.14	-2.91	-2.23	-0.93	2.10	2.97	3.40	265.33
270.00	-2.15	-2.81	-2.21	-1.05	2.09	2.97	3.44	270.33
275.36	-2.04	-2.67	-2.15	-0.82	2.12	3.04	3.50	275.00
280.36	-1.90	-2.61	-2.06	-0.72	2.22	3.15	3.58	280.00
285.00	-1.96	-2.65	-1.97	-0.50	2.30	3.29	3.70	285.33
290.33	-1.90	-2.63	-1.92	-0.41	2.40	3.47	3.86	290.00
295.30	-1.40	-2.57	-1.90	-0.23	2.06	3.70	4.04	295.00
300.36	-1.90	-2.65	-1.89	-0.33	3.12	3.99	4.22	300.33
305.00	-1.87	-2.59	-1.89	0.10	3.31	4.32	4.41	305.00
310.00	-1.71	-2.53	-1.90	0.26	3.44	4.63	4.61	310.00
315.00	-1.52	-2.41	-1.92	0.31	3.62	4.94	4.82	315.00
320.33	-1.33	-2.23	-1.90	0.31	3.75	5.25	4.92	320.00
325.36	-1.12	-2.00	-1.93	0.31	3.79	5.55	4.91	325.33
330.36	-0.95	-1.81	-1.87	-0.07	3.71	5.81	4.73	330.33
335.30	-0.55	-1.71	-1.60	-1.10	3.49	6.40	4.41	335.33
340.00	-0.99	-2.39	-1.40	-2.20	3.24	6.20	4.13	340.00
345.30	-1.24	-2.73	-1.30	-2.57	2.64	5.30	3.43	345.00
350.36	-2.10	-2.15	-1.41	-1.95	0.31	1.17	1.24	350.33
355.36	-2.97	-1.55	-2.65	-1.14	-0.55	-0.71	-1.09	355.33
STATIC COMPONENTS								
0.70	2.52	1.50	1.23	0.54	-0.29	-0.29		

BLADE LOADS

TEST 497	CNR NO. 296				T.C.N. 40		C.R. 25	
SPAN STATION								
DEG	52.5	79.8	119.7	155.3	170.5	189.8	199.5	
DYNAMIC COMPONENTS								
0.3	-1.14	-4.27	-5.41	-2.12	-0.75	0.53	-1.47	0.3
5.00	-0.12	-4.01	-5.45	-2.75	-3.45	-2.06	1.79	5.02
10.10	-0.07	-2.16	-5.75	-3.42	-0.63	2.45	0.00	10.00
15.30	-1.46	-1.99	-4.73	-2.63	-6.20	2.30	0.30	15.00
20.30	-1.99	-2.39	-2.81	-1.44	1.62	3.04	1.33	20.00
25.30	-1.46	-4.27	-1.17	1.27	2.13	4.05	2.34	25.00
30.30	-1.30	-4.24	-0.65	2.75	3.35	5.90	4.10	30.00
35.30	-1.05	-2.07	0.66	4.21	4.68	7.31	5.69	35.00
40.30	-1.04	-1.74	1.46	5.57	6.02	8.13	7.74	40.00
45.30	-0.07	-1.16	2.15	6.52	6.97	10.90	9.34	45.00
50.70	-1.24	-1.15	2.49	7.12	7.60	11.56	11.00	50.00
55.30	-3.00	-1.19	2.51	7.25	7.63	11.54	10.11	55.00
60.40	-0.10	-1.29	2.39	6.59	7.55	10.13	6.95	60.00
65.30	-0.53	-1.27	2.12	5.49	7.21	6.54	5.62	65.00
70.30	-0.01	-1.15	1.26	4.27	4.00	2.77	2.29	70.00
75.30	-0.77	-0.95	0.45	3.30	1.60	0.14	-3.33	75.00
80.30	-0.52	-0.66	-1.11	1.94	-2.65	-4.59	-7.44	80.00
85.30	-1.11	-0.37	-0.21	1.14	-5.20	-12.16	-9.56	85.00
90.30	0.41	0.20	0.45	1.04	-7.36	-15.66	-9.66	90.00
95.30	0.15	1.04	1.61	1.49	-8.04	-14.00	-7.03	95.00
100.30	1.97	2.19	2.93	0.90	-6.34	-10.03	-5.26	100.00
105.30	2.70	3.47	3.01	-0.54	-7.13	-7.72	-2.71	105.00
110.30	3.66	4.70	4.19	-1.70	-5.69	-7.57	-2.02	110.00
115.30	4.67	5.90	3.93	-2.50	-5.34	-8.30	-4.63	115.00
120.30	5.31	6.72	3.17	-3.02	-6.47	-9.25	-6.70	120.00
125.30	5.34	7.17	2.17	-3.47	-10.95	-10.35	-8.01	125.00
130.30	5.63	7.75	1.44	-4.06	-8.59	-12.04	-10.64	130.00
135.30	5.02	7.09	1.26	-4.35	-8.92	-12.00	-13.53	135.00
140.30	5.92	7.02	1.51	-4.17	-8.00	-12.45	-12.05	140.00
145.30	5.00	7.61	1.00	-3.50	-8.02	-10.66	-11.92	145.00
150.30	5.65	7.61	2.63	-2.68	-7.63	-10.22	-10.69	150.00
155.30	5.33	7.50	3.39	-1.13	-9.25	-9.22	-9.40	155.00
160.30	4.90	7.75	4.13	0.46	-4.37	-6.30	-7.95	160.00
165.30	4.60	7.91	4.44	1.53	-2.71	-6.15	-6.62	165.00
170.30	4.65	7.92	5.44	2.31	-1.10	-2.67	-3.06	170.00
175.30	3.26	7.30	5.75	2.77	0.25	-0.34	-1.93	175.00
180.30	2.22	6.42	5.54	2.03	0.00	0.44	-0.47	180.00
185.30	1.12	5.02	4.00	2.62	1.44	1.44	7.54	185.00
190.30	0.21	3.31	3.00	2.20	1.70	1.77	1.59	190.00
195.30	-0.53	1.44	2.09	1.93	1.00	1.06	1.31	195.00
200.30	-1.04	0.20	1.44	1.67	1.00	1.04	1.39	200.00
205.30	-1.50	-0.67	0.90	1.70	1.05	1.77	1.42	205.00
210.30	-1.95	-1.36	0.34	0.92	1.00	1.76	1.47	210.00
215.30	-2.10	-1.92	-0.14	0.30	1.00	1.61	1.53	215.00
220.30	-2.29	-2.10	-0.59	0.52	1.93	1.99	1.61	220.00
225.30	-2.33	-2.40	-1.13	0.00	1.96	1.90	1.76	225.00
230.30	-2.29	-3.11	-1.47	-0.21	2.63	2.67	2.02	230.00
235.30	-2.21	-3.29	-1.07	-0.42	2.04	2.14	2.25	235.00
240.30	-2.14	-3.33	-2.22	-0.75	2.10	2.24	2.30	240.00
245.30	-2.11	-3.31	-2.51	-1.16	2.13	2.30	2.72	245.00
250.30	-2.00	-3.33	-2.71	-1.46	2.11	2.32	2.65	250.00
255.30	-2.38	-3.31	-2.80	-1.77	2.35	2.32	2.90	255.00
260.30	-2.05	-3.23	-2.70	-1.99	1.97	2.31	2.91	260.00
265.30	-2.38	-3.13	-2.09	-2.07	1.93	2.32	2.95	265.00
270.30	-1.97	-3.23	-2.67	-2.37	1.92	2.37	3.02	270.00
275.30	-1.97	-3.30	-2.34	-1.99	1.90	2.44	3.14	275.00
280.30	-2.21	-2.97	-2.51	-1.84	2.36	2.59	3.24	280.00
285.30	-2.29	-2.99	-2.47	-1.83	2.23	2.79	3.49	285.00
290.30	-2.27	-2.79	-2.44	-1.33	2.44	3.10	3.75	290.00
295.30	-2.33	-2.40	-2.43	-1.10	2.67	3.56	4.03	295.00
300.30	-2.09	-2.96	-2.42	-0.75	2.60	3.48	4.33	300.00
305.30	-1.82	-2.04	-2.42	-0.52	3.67	4.34	4.62	305.00
310.30	-1.70	-2.76	-2.40	-0.43	3.22	4.59	4.84	310.00
315.30	-1.50	-2.06	-2.36	-0.43	3.32	4.77	5.10	315.00
320.30	-1.01	-2.39	-2.29	-0.50	3.45	4.84	5.26	320.00
325.30	0.70	-2.11	-2.10	-1.00	3.47	4.95	5.69	325.00
330.30	0.43	-1.76	-1.99	-2.00	3.19	4.71	6.73	330.00
335.30	-0.55	-2.00	-1.62	-2.97	3.32	4.34	6.82	335.00
340.30	-2.39	-2.91	-1.20	-3.11	0.05	3.67	3.42	340.00
345.30	-3.50	-2.69	-1.51	-2.34	-0.02	0.60	1.33	345.00
350.30	-3.45	-3.15	-2.87	-2.25	-1.95	-1.99	-1.32	350.00
355.30	-3.30	-5.71	-5.39	-2.04	-1.40	-2.12	-2.49	355.00
STATIC COMPONENTS								
	1.30	1.46	1.15	1.19	1.07	-1.20	-1.24	

BLADE LOADS

CATR NO. 120

T.C.M. 41

C.R. 34

SPAN STATION

DEB	22.5	79.8	119.7	155.3	178.5	189.0	199.5
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1. ANALYTICAL COMPONENTS

0.00	-3.44	-3.44	-4.44	-4.44	-1.27	C.51	0.57	0.0
10.00	-3.41	-3.41	-4.41	-4.41	-1.27	-1.40	-7.88	1.00
15.00	-0.74	-4.13	-4.14	-2.22	-1.73	-1.51	-7.29	13.00
20.00	0.51	-4.02	-4.11	-2.03	-1.09	0.01	-0.79	15.00
25.00	-0.04	-5.17	-5.03	-2.41	-0.30	1.07	0.24	20.00
30.00	-2.10	-2.92	-3.61	-1.35	C.49	1.52	7.77	25.00
35.00	-2.47	-2.31	-1.64	-C.47	1.24	2.41	1.34	30.00
40.00	-2.16	-2.55	-C.31	C.03	2.17	3.46	7.43	35.00
45.00	-1.44	-1.47	-C.10	1.97	3.76	4.92	4.05	40.00
50.00	-1.31	-1.64	C.74	3.21	4.03	5.06	5.22	45.00
55.00	-1.02	-1.47	1.21	4.07	4.47	6.03	5.46	50.00
60.00	-0.76	-1.34	1.25	4.90	4.46	7.27	5.34	55.00
65.00	-0.44	-1.27	1.24	4.46	4.29	8.40	6.16	60.00
70.00	-0.12	-1.66	1.23	4.31	4.12	9.70	6.42	65.00
75.00	-0.01	-C.01	1.24	4.07	3.60	5.27	3.77	70.00
80.00	-0.40	-C.51	1.07	3.47	2.53	4.71	0.42	75.00
85.00	-0.51	-C.01	C.40	2.70	0.07	7.00	-7.62	80.00
90.00	0.05	C.54	C.77	1.02	-1.21	-C.51	-5.20	85.00
95.00	0.57	2.71	C.79	C.79	-3.40	-4.30	-7.22	90.00
100.00	1.02	1.67	1.14	C.04	-5.02	-7.07	-0.37	95.00
105.00	1.44	2.44	1.44	-C.43	-7.46	-11.20	-0.71	100.00
110.00	2.14	2.02	2.12	-1.14	-0.30	-13.00	-0.44	105.00
115.00	2.02	0.61	2.47	-2.44	-0.46	-14.90	-10.06	110.00
120.00	3.32	0.22	2.70	-3.75	-0.37	-15.23	-13.47	115.00
125.00	3.01	4.74	2.76	-4.45	-10.04	-17.10	-14.04	120.00
130.00	4.16	5.10	2.72	-4.60	-10.10	-17.40	-13.67	125.00
135.00	4.42	5.21	2.41	-4.45	-0.44	-11.72	-11.09	130.00
140.00	4.62	5.01	2.27	-5.04	-0.28	-12.05	-11.70	135.00
145.00	4.90	6.66	2.75	-3.12	-0.32	-4.02	-10.22	140.00
150.00	4.44	6.21	2.73	-2.15	-7.07	-0.45	-0.00	145.00
155.00	4.04	6.57	3.74	-1.01	-3.44	-4.40	-7.55	150.00
160.00	4.57	6.25	4.12	C.16	-4.06	-5.17	-4.02	155.00
165.00	4.04	7.10	4.25	1.25	-3.44	-3.42	-4.00	160.00
170.00	4.40	7.24	4.44	2.31	-1.35	-2.02	-7.44	165.00
175.00	4.16	7.10	4.04	3.14	0.14	-C.04	-1.24	170.00
180.00	4.04	6.70	6.07	3.46	0.00	C.34	-0.24	175.00
185.00	2.67	5.70	5.04	3.01	1.35	1.00	0.54	180.00
190.00	1.74	4.00	5.25	3.40	-0.44	1.51	1.10	185.00
195.00	0.72	3.27	4.20	3.44	2.13	1.49	1.47	190.00
200.00	-0.10	2.15	3.44	3.03	2.19	1.74	1.44	195.00
205.00	-0.62	C.07	2.70	2.40	2.13	1.67	1.77	200.00
210.00	-1.01	C.07	1.03	1.04	1.07	1.57	1.64	205.00
215.00	-1.61	-6.54	C.04	1.33	1.76	1.57	1.64	210.00
220.00	-1.02	-C.51	C.23	C.02	1.55	1.72	1.62	215.00
225.00	-1.02	-1.20	-C.32	C.37	1.30	1.15	1.44	220.00
230.00	-1.74	-1.02	-C.74	C.04	1.70	1.07	1.04	225.

STATIC COMPONENTS

1.63 2.71 3.76 3.96 2.01 2.25 1.99

BLADE LOADS

TEST 903	CNTR NO. 140			T.C.N. 42		C.N. 99		
SPAN STATION								
000	32.5	79.0	119.7	159.3	170.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-4.40	-4.41	-4.41	-4.41	-4.40	-4.41	0.11	2.0
5.00	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-1.01	4.00
10.00	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-0.77	13.00
15.00	-0.41	-0.41	-0.41	-0.41	-0.41	-0.41	0.40	19.00
20.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	1.41	29.00
25.00	-1.70	-1.70	-1.70	-1.70	-1.70	-1.70	1.00	27.00
30.00	-1.70	-1.70	-1.70	-1.70	-1.70	-1.70	2.70	30.00
35.00	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	4.00	28.00
40.00	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	6.70	40.00
45.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	7.00	47.00
50.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	7.00	53.00
55.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	8.00	64.00
60.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	7.00	68.00
65.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	7.00	60.00
70.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	4.00	38.00
75.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	30.00
80.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
85.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
90.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
95.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
100.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
105.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
110.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
115.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
120.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
125.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
130.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
135.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
140.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
145.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
150.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
155.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
160.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
165.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
170.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
175.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
180.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
185.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
190.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
195.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
200.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
205.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
210.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
215.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
220.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
225.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
230.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
235.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
240.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
245.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
250.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
255.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
260.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
265.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
270.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
275.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
280.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
285.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
290.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
295.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
300.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
305.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
310.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
315.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
320.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
325.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
330.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
335.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
340.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
345.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
350.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
355.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00
STATIC COMPONENTS								
1.40	2.00	2.70	4.20	2.00	2.00	2.00	2.00	

BLADE LOADS

TEST 494	CNTR NO. 191				T.C.N. 43	C.R. 06		
SPAN STATION								
DEG	52.5	79.8	119.7	159.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-3.45	-3.31	-4.67	-4.98	1.22	3.02	3.27	0.0
5.00	-3.46	-4.09	-4.20	-3.33	-1.00	-0.19	-0.46	5.00
10.00	-1.68	-4.76	-4.73	-3.46	-2.52	-2.13	-2.41	10.00
15.00	-0.36	-4.41	-3.94	-3.70	-2.07	-1.74	-2.59	15.00
20.00	-0.44	-3.58	-3.54	-3.22	-1.10	-0.21	-0.99	20.00
25.00	-1.78	-3.00	-2.00	-2.23	-0.40	0.70	0.21	25.00
30.00	-1.74	-2.63	-1.92	-1.20	0.30	1.13	0.54	30.00
35.00	-1.35	-2.22	-1.04	-0.23	1.20	1.79	1.00	35.00
40.00	-1.14	-2.25	-0.32	0.95	2.27	2.00	1.00	40.00
45.00	-0.55	-2.19	0.23	2.30	3.21	2.55	3.31	45.00
50.00	-0.54	-2.01	0.60	3.40	4.00	4.17	4.25	50.00
55.00	-0.60	-1.75	1.21	3.92	4.32	5.35	4.19	55.00
60.00	-0.60	-1.50	1.73	4.12	4.24	5.00	3.50	60.00
65.00	-0.45	-1.13	1.99	4.97	3.71	5.21	4.54	65.00
70.00	-0.30	-0.77	1.06	3.01	3.06	2.64	4.57	70.00
75.00	-0.15	-0.34	1.73	3.72	2.24	2.41	4.40	75.00
80.00	0.05	0.24	1.70	3.90	1.15	2.51	1.23	80.00
85.00	0.45	0.93	1.77	3.15	-0.29	2.52	-2.45	85.00
90.00	1.07	1.65	1.93	2.32	-2.16	0.56	-4.66	90.00
95.00	1.70	2.40	2.14	1.45	-3.07	-1.05	-3.69	95.00
100.00	2.25	2.93	2.41	0.77	-3.36	-0.91	-4.34	100.00
105.00	2.64	3.37	3.60	0.02	-0.77	-12.44	-7.97	105.00
110.00	3.75	3.00	1.00	-1.01	-0.09	-14.02	-11.35	110.00
115.00	3.03	4.50	1.99	-2.02	-0.06	-12.17	-14.06	115.00
120.00	4.27	5.00	3.00	-2.03	-0.44	-10.21	-13.67	120.00
125.00	4.42	5.53	3.06	-3.22	-0.40	-10.05	-11.05	125.00
130.00	4.03	5.05	3.03	-3.20	-0.34	-10.06	-10.59	130.00
135.00	4.55	4.07	3.00	-2.03	-0.77	-10.29	-10.42	135.00
140.00	5.01	4.27	3.27	-2.21	-7.77	-5.44	-9.57	140.00
145.00	5.06	4.43	3.63	-1.34	-6.55	-0.27	-0.75	145.00
150.00	5.00	4.45	4.07	-0.30	-5.40	-7.00	-7.61	150.00
155.00	5.00	4.95	4.57	0.60	-4.10	-5.62	-6.24	155.00
160.00	4.77	7.17	5.07	1.96	-2.75	-4.11	-4.65	160.00
165.00	4.43	7.29	5.37	2.43	-1.51	-2.47	-3.69	165.00
170.00	3.96	7.19	5.93	3.06	-0.39	-1.37	-1.00	170.00
175.00	3.44	6.05	6.05	3.48	0.52	-0.35	-0.00	175.00
180.00	2.77	6.26	5.94	2.62	1.21	0.45	-0.11	180.00
185.00	1.43	5.32	5.56	3.54	1.48	0.97	0.50	185.00
190.00	1.05	4.14	4.06	3.30	1.40	1.27	1.03	190.00
195.00	0.15	2.94	3.06	2.42	2.04	1.42	1.32	195.00
200.00	-0.34	1.00	2.76	2.39	1.96	1.43	1.40	200.00
205.00	-0.55	0.45	1.75	1.75	1.75	1.30	1.50	205.00
210.00	-1.03	-0.24	0.90	1.09	1.22	1.10	1.40	210.00
215.00	-1.00	-0.77	0.30	0.57	1.32	0.95	1.20	215.00
220.00	-1.07	-1.15	-0.20	0.11	1.17	0.02	1.10	220.00
225.00	-2.04	-1.56	-0.00	-0.25	1.05	0.74	1.22	225.00
230.00	-2.13	-1.00	-1.24	-0.54	0.57	0.70	1.34	230.00
235.00	-2.17	-2.37	-1.62	-0.00	0.90	0.72	1.30	235.00
240.00	-2.20	-2.71	-1.90	-1.03	0.90	0.01	1.04	240.00
245.00	-2.14	-2.93	-2.29	-1.24	1.01	0.57	1.00	245.00
250.00	-2.16	-3.05	-2.53	-1.42	1.14	1.14	2.12	250.00
255.00	-2.04	-3.24	-2.74	-1.90	1.23	1.24	2.33	255.00
260.00	-2.04	-3.34	-2.09	-1.71	1.31	1.34	2.55	260.00
265.00	-2.01	-3.47	-2.97	-1.00	1.29	1.54	2.77	265.00
270.00	-2.01	-3.42	-2.94	-1.04	1.00	1.70	3.00	270.00
275.00	-2.01	-3.29	-2.00	-1.04	1.44	2.01	3.25	275.00
280.00	-1.50	-3.16	-2.03	-1.77	1.05	2.30	3.40	280.00
285.00	-1.00	-3.13	-2.02	-1.62	2.04	2.44	3.74	285.00
290.00	-1.00	-3.16	-2.91	-1.40	2.27	2.45	4.04	290.00
295.00	-1.00	-3.15	-3.01	-1.15	2.44	2.51	4.35	295.00
300.00	-1.04	-3.05	-2.96	-0.85	2.70	2.45	4.72	300.00
305.00	-1.75	-2.93	-2.90	-0.56	3.10	4.02	5.00	305.00
310.00	-1.67	-2.04	-2.90	-0.39	3.40	4.25	5.24	310.00
315.00	-1.61	-2.00	-2.76	-0.39	3.62	4.67	5.34	315.00
320.00	-1.76	-2.75	-2.55	-0.20	3.74	4.00	5.37	320.00
325.00	-1.20	-2.67	-2.54	-0.29	3.71	4.54	5.30	325.00
330.00	-1.01	-2.57	-2.97	-0.25	3.49	4.74	5.05	330.00
335.00	-1.00	-2.40	-3.44	-0.11	3.10	4.51	4.49	335.00
340.00	-2.12	-2.52	-3.04	0.36	2.90	4.04	3.73	340.00
345.00	-2.04	-2.64	-3.04	0.16	3.20	3.91	3.42	345.00
350.00	-1.73	-2.32	-4.11	-1.63	4.21	5.25	5.42	350.00
355.00	-1.02	-2.37	-4.70	-2.45	3.20	4.06	0.34	355.00
STATIC COMPONENTS								
	2.41	3.70	4.40	5.32	3.71	4.45	3.41	

BLADE LOADS

TEST 494	CNTR NO. 174				T.C.N. 44		C.R. 07	
SPAN STATION								
DEG	52.5	79.8	119.7	159.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-2.67	-4.03	-4.34	-3.21	2.75	1.74	1.20	0.0
5.00	-3.77	-5.44	-3.78	-3.79	-0.76	-0.65	-1.58	5.00
10.00	-2.10	-5.41	-3.19	-2.06	-2.42	-1.50	-1.97	10.00
15.00	-0.40	-4.79	-2.09	-1.11	-1.70	-0.63	-1.10	15.00
20.00	-0.11	-3.63	-3.03	-0.62	-0.21	1.64	6.41	20.00
25.00	-0.00	-2.00	-2.10	-0.42	1.34	2.92	2.00	25.00
30.00	-1.76	-2.07	-0.04	0.47	2.45	4.20	3.10	30.00
35.00	-1.50	-1.36	0.00	1.00	3.45	4.90	3.76	35.00
40.00	-1.22	-1.33	0.91	2.95	4.43	5.48	4.44	40.00
45.00	-0.07	-1.36	1.67	4.04	5.24	6.25	5.25	45.00
50.00	-0.77	-1.22	2.27	5.33	6.06	7.19	6.53	50.00
55.00	-0.40	-0.97	2.04	6.20	6.66	8.17	7.32	55.00
60.00	0.00	-0.63	3.20	6.70	6.93	8.90	8.90	60.00
65.00	0.25	-0.20	3.29	6.73	6.63	8.98	9.95	65.00
70.00	0.22	-0.01	3.26	6.49	5.67	7.97	6.48	70.00
75.00	0.10	0.23	3.10	5.99	5.24	6.73	7.92	75.00
80.00	0.15	0.50	2.73	5.49	4.57	4.35	6.18	80.00
85.00	0.35	1.02	2.14	4.69	3.30	3.61	1.62	85.00
90.00	0.71	1.50	2.17	3.60	1.54	1.47	-3.31	90.00
95.00	1.25	2.00	1.05	2.43	-1.65	-2.45	-9.63	95.00
100.00	1.01	2.35	1.06	1.20	-3.32	-4.94	-8.25	100.00
105.00	2.27	2.57	1.96	-0.30	-4.47	-14.72	-12.00	105.00
110.00	2.59	2.00	1.00	-1.01	-10.39	-16.43	-14.63	110.00
115.00	3.00	3.12	1.74	-4.07	-11.44	-16.12	-15.30	115.00
120.00	3.30	3.63	1.62	-4.20	-12.30	-14.35	-16.72	120.00
125.00	3.50	4.12	1.35	-7.03	-12.00	-13.44	-15.49	125.00
130.00	3.64	4.44	1.00	-4.90	-12.50	-13.44	-13.64	130.00
135.00	3.62	4.59	0.00	-4.04	-12.11	-12.32	-12.61	135.00
140.00	3.53	4.67	0.72	-5.91	-11.21	-12.23	-11.73	140.00
145.00	4.00	4.06	0.05	-4.04	-9.04	-10.94	-10.70	145.00
150.00	4.24	5.12	0.05	-3.63	-8.41	-9.61	-9.36	150.00
155.00	4.23	5.48	1.44	-2.45	-4.70	-7.72	-8.17	155.00
160.00	4.07	5.00	2.28	-1.32	-3.64	-5.94	-6.53	160.00
165.00	3.64	6.17	3.13	-0.40	-3.65	-4.40	-4.91	165.00
170.00	3.54	6.35	3.04	0.36	-2.54	-2.93	-3.43	170.00
175.00	3.16	6.23	4.35	1.33	-1.52	-1.69	-2.13	175.00
180.00	2.55	5.62	4.55	1.04	-0.50	-0.59	-1.04	180.00
185.00	1.74	5.13	4.33	2.16	0.33	0.23	-0.17	185.00
190.00	1.04	4.15	3.01	2.29	0.99	0.93	0.90	190.00
195.00	0.24	2.07	3.93	2.14	1.40	1.22	0.94	195.00
200.00	-0.77	1.51	2.19	1.79	1.52	1.70	1.27	200.00
205.00	-0.01	0.43	1.39	1.39	1.44	1.39	1.42	205.00
210.00	-1.05	-2.75	0.67	0.94	1.34	1.34	1.31	210.00
215.00	-1.20	-0.04	0.09	0.51	1.23	1.22	1.37	215.00
220.00	-1.41	-1.06	-0.32	0.00	1.12	1.10	1.62	220.00
225.00	-1.50	-1.30	-0.70	-0.25	1.02	1.00	1.65	225.00
230.00	-1.69	-1.70	-0.95	-0.30	0.90	1.01	1.70	230.00
235.00	-1.74	-1.97	-1.22	-0.60	0.84	1.52	1.00	235.00
240.00	-1.74	-2.14	-1.44	-0.00	0.89	1.10	1.95	240.00
245.00	-1.60	-2.20	-1.44	-0.91	1.04	1.20	2.12	245.00
250.00	-1.63	-2.40	-1.07	-0.97	1.74	1.45	2.31	250.00
255.00	-1.56	-2.55	-2.04	-1.00	1.42	1.58	2.52	255.00
260.00	-1.50	-2.60	-2.11	-1.03	1.52	1.77	2.79	260.00
265.00	-1.60	-2.71	-2.14	-1.05	1.62	1.90	3.61	265.00
270.00	-1.64	-2.65	-2.10	-1.05	1.72	2.10	3.29	270.00
275.00	-1.60	-2.55	-2.21	-1.03	1.80	2.41	3.50	275.00
280.00	-1.54	-2.45	-2.21	-1.00	2.00	2.70	3.03	280.00
285.00	-1.47	-2.37	-2.20	-0.92	2.31	2.62	4.12	285.00
290.00	-1.45	-2.34	-2.14	-0.78	2.53	3.20	4.44	290.00
295.00	-1.54	-2.32	-2.09	-0.62	2.77	3.57	4.72	295.00
300.00	-1.56	-2.33	-2.07	-0.45	2.90	3.90	4.98	300.00
305.00	-1.43	-2.25	-1.99	-0.23	3.10	4.24	5.21	305.00
310.00	-1.17	-2.21	-1.99	-0.12	3.25	4.73	3.35	310.00
315.00	-1.11	-2.10	-1.97	-0.01	3.45	4.74	5.41	315.00
320.00	-1.11	-2.10	-1.01	-0.03	3.44	4.88	3.30	320.00
325.00	-1.12	-2.17	-1.70	-0.13	3.47	4.90	5.11	325.00
330.00	-1.27	-2.14	-2.27	-0.15	3.24	4.70	5.65	330.00
335.00	-1.77	-2.07	-2.95	-0.01	3.04	4.35	4.66	335.00
340.00	-2.10	-2.00	-3.34	0.43	2.66	4.04	4.27	340.00
345.00	-2.22	-1.99	-3.32	1.09	3.09	4.22	4.11	345.00
350.00	-1.00	-1.80	-3.73	0.10	4.20	4.50	4.13	350.00
355.00	-1.45	-2.27	-4.58	-0.40	5.31	4.35	3.75	355.00
STATIC COMPONENTS								
	1.02	2.33	2.62	2.03	1.30	1.42	0.54	

BLADE LOADS

TEST 902 CNTR NO. 220 T.C.R. 45 C.R. 46								
SPAN STATION								
000	52.5	79.8	119.7	159.3	178.5	189.8	199.5	
DYNAMIC COMPONENTS								
0.0	-3.16	-3.02	-3.43	-2.49	-0.37	0.30	-0.04	0.0
1.00	-3.04	-2.89	-3.02	-2.76	-0.44	0.34	-0.23	1.00
10.00	-2.00	-2.04	-2.03	-2.41	-0.63	0.43	-0.75	10.00
15.00	-1.11	-2.04	-1.75	-1.79	-0.55	0.50	-0.55	15.00
20.00	-0.04	-2.73	-1.95	-0.94	-0.20	0.93	0.03	20.00
25.00	-0.12	-1.04	-1.40	-0.34	0.15	1.10	0.34	25.00
30.00	-1.15	-1.20	-1.14	0.27	0.79	1.74	0.02	30.00
35.00	-1.20	-0.83	-0.82	1.09	1.00	2.43	1.32	35.00
40.00	-0.40	-0.44	-0.34	1.40	2.50	3.27	2.15	40.00
45.00	-0.40	-0.60	0.24	2.64	2.06	3.09	2.54	45.00
50.00	-0.20	-0.57	0.00	2.04	2.94	4.30	3.12	50.00
55.00	-0.15	-0.41	1.04	2.00	2.09	4.41	3.51	55.00
60.00	-0.10	-0.12	1.02	2.92	2.55	3.90	5.27	60.00
65.00	-0.10	0.23	0.07	2.69	1.97	2.60	2.44	65.00
70.00	0.02	0.55	0.94	2.54	1.24	1.51	1.53	70.00
75.00	0.21	0.04	1.04	1.92	0.43	0.04	0.19	75.00
80.00	0.40	1.10	1.10	1.53	-0.36	-1.29	-1.07	80.00
85.00	0.60	1.57	1.14	1.26	-1.13	-2.57	-2.54	85.00
90.00	1.05	2.51	1.24	1.11	-1.94	-3.00	-4.00	90.00
95.00	1.47	2.41	1.40	0.95	-2.03	-5.39	-5.30	95.00
100.00	1.90	2.76	1.54	0.60	-3.73	-6.22	-6.51	100.00
105.00	2.20	3.02	1.61	0.22	-4.54	-7.12	-7.42	105.00
110.00	2.61	3.29	1.72	-0.30	-5.13	-7.77	-8.09	110.00
115.00	2.90	3.50	1.85	-0.92	-5.40	-7.00	-8.24	115.00
120.00	3.22	3.60	1.92	-1.30	-5.40	-7.45	-8.26	120.00
125.00	3.49	4.14	1.95	-1.55	-5.45	-7.40	-8.00	125.00
130.00	3.50	4.33	2.44	-1.52	-5.20	-7.13	-7.80	130.00
135.00	3.54	4.40	2.23	-1.54	-4.99	-6.72	-7.41	135.00
140.00	3.51	4.60	2.47	-0.99	-4.52	-6.10	-6.90	140.00
145.00	3.54	4.72	2.70	-0.50	-3.92	-5.48	-6.18	145.00
150.00	3.51	4.04	2.99	0.17	-2.23	-4.45	-5.20	150.00
155.00	3.55	4.95	3.32	0.00	-2.30	-3.74	-4.33	155.00
160.00	3.64	5.01	3.08	1.37	-1.74	-2.82	-3.37	160.00
165.00	2.60	4.97	3.96	1.79	-1.02	-1.94	-2.43	165.00
170.00	2.27	4.79	4.64	1.07	-0.39	-1.17	-1.50	170.00
175.00	1.90	4.40	3.52	1.94	0.12	-0.56	-0.85	175.00
180.00	1.42	3.81	3.61	1.07	0.40	-0.12	-0.26	180.00
185.00	0.90	3.11	3.09	1.74	0.60	0.10	0.16	185.00
190.00	0.34	2.57	2.44	1.52	0.77	0.35	0.42	190.00
195.00	-0.17	1.50	1.01	1.10	0.75	0.39	0.55	195.00
200.00	-0.67	0.01	1.17	0.70	0.67	0.35	0.60	200.00
205.00	-0.97	0.12	0.49	0.39	0.57	0.22	0.63	205.00
210.00	-1.07	-0.59	0.19	0.14	0.57	0.20	0.67	210.00
215.00	-1.22	-0.75	-0.20	-0.07	0.45	0.27	0.73	215.00
220.00	-1.35	-1.04	-0.44	-0.22	0.47	0.24	0.83	220.00
225.00	-1.45	-1.30	-0.74	-0.34	0.54	0.37	1.01	225.00
230.00	-1.46	-1.44	-1.00	-0.45	0.65	0.54	1.20	230.00
235.00	-1.40	-1.70	-1.23	-0.57	0.70	0.49	1.55	235.00
240.00	-1.32	-1.04	-1.45	-0.68	0.94	0.93	1.79	240.00
245.00	-1.52	-1.90	-1.67	-0.70	1.13	1.20	2.04	245.00
250.00	-1.44	-2.04	-1.87	-0.82	1.33	1.51	2.43	250.00
255.00	-1.44	-2.12	-2.47	-0.76	1.50	1.05	2.70	255.00
260.00	-1.42	-2.23	-2.11	-0.60	1.70	2.20	3.16	260.00
265.00	-1.44	-2.29	-2.16	-0.64	1.90	2.55	3.55	265.00
270.00	-1.45	-2.30	-2.25	-0.64	2.12	2.09	3.91	270.00
275.00	-1.43	-2.33	-2.26	-0.66	2.22	3.23	4.21	275.00
280.00	-1.36	-2.30	-2.31	-0.69	2.23	3.42	4.35	280.00
285.00	-1.32	-2.40	-2.30	-0.69	2.17	3.30	4.19	285.00
290.00	-1.39	-2.41	-2.44	-0.65	2.07	3.26	3.86	290.00
295.00	-1.47	-2.36	-2.47	-0.60	2.32	3.10	3.64	295.00
300.00	-1.40	-2.33	-2.40	-0.57	2.01	3.23	3.59	300.00
305.00	-1.30	-2.32	-2.45	-0.50	2.07	3.34	3.65	305.00
310.00	-1.24	-2.35	-2.42	-0.43	2.13	3.51	3.77	310.00
315.00	-1.19	-2.41	-2.41	-0.72	2.12	3.62	3.93	315.00
320.00	-1.32	-2.44	-2.20	-0.83	1.94	3.59	4.05	320.00
325.00	-1.37	-2.40	-1.90	-1.00	1.99	3.12	3.90	325.00
330.00	-0.90	-2.61	-1.12	-1.21	1.03	2.31	3.56	330.00
335.00	-0.51	-2.51	0.07	-1.22	0.31	1.81	3.27	335.00
340.00	0.05	-3.50	0.10	-1.50	0.52	1.97	3.35	340.00
345.00	-0.10	-3.09	-0.63	-1.76	1.09	2.49	3.29	345.00
350.00	-0.90	-3.73	-1.92	-1.52	1.02	1.92	1.75	350.00
355.00	-2.16	-3.11	-3.51	-1.32	0.51	0.00	0.11	355.00
STATIC COMPONENTS								
	1.12	3.00	4.75	5.05	2.04	3.02	3.06	

BLADE LOADS

TEST 903	CNTR NO. 163				T.C.F. 46		C.R. 56	
SPAN STATION								
DES	52.5	79.8	119.7	159.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
3.3	-3.25	-4.76	-4.91	-5.34	0.37	-1.96	-1.69	8.9
5.3C	-2.36	-5.01	-5.36	-4.74	-1.72	-1.55	-2.02	5.00
18.3C	-1.19	-3.44	-3.75	-3.79	-2.42	-2.72	-3.00	10.00
19.00	-6.66	-2.71	-2.93	-3.28	-2.23	-1.86	-1.91	15.00
20.30	-0.54	-1.91	-2.94	-2.72	-1.43	-0.17	-0.29	20.00
25.3C	-0.73	-2.58	-2.51	-1.59	-0.16	1.26	0.65	25.00
30.3C	-1.27	-2.49	-1.00	-0.36	0.83	2.10	1.26	30.83
35.3C	-1.36	-1.76	-1.07	0.74	1.73	3.29	2.31	35.90
40.3C	-0.70	-1.49	-0.19	1.79	2.84	4.62	3.74	40.00
45.3C	-0.69	-1.32	0.63	2.93	3.90	5.78	4.99	45.00
50.3C	-0.80	-1.13	1.07	4.09	4.69	6.74	5.86	50.00
55.3C	-0.62	-1.01	1.26	4.71	4.95	7.60	5.84	55.00
60.3C	-0.31	-0.95	1.46	4.83	4.76	7.57	5.53	60.23
65.3C	-0.24	-0.82	1.71	4.65	4.38	6.30	5.41	65.83
70.3C	-0.42	-0.95	1.80	4.40	3.95	4.54	6.32	70.00
75.3C	-0.56	-0.23	1.71	4.34	3.23	4.31	4.22	75.00
11.3C	-0.34	C.25	1.50	3.56	2.09	4.12	0.83	80.00
85.3C	C.05	C.70	1.59	2.79	0.48	3.30	-2.05	85.00
90.3C	C.66	1.34	1.57	1.89	-1.30	0.71	-4.59	90.83
95.3C	1.22	1.90	1.65	1.29	-3.26	-4.26	-5.77	95.00
100.3C	1.05	2.45	1.99	0.79	-5.49	-10.02	-6.56	100.00
105.3C	2.46	2.97	2.42	0.13	-7.28	-13.49	-8.34	105.00
110.3C	2.94	3.47	2.73	-0.94	-8.45	-13.85	-11.76	110.00
115.3C	3.44	3.96	2.90	-2.19	-8.81	-12.22	-13.07	115.00
120.3C	3.85	4.42	3.01	-3.12	-8.82	-10.34	-13.52	120.83
125.3C	4.11	4.82	3.03	-3.55	-8.76	-10.72	-11.27	125.00
130.3C	4.14	5.16	2.96	-3.54	-8.68	-10.79	-10.75	130.00
135.3C	4.10	5.46	2.86	-3.23	-8.39	-10.11	-10.40	135.00
140.3C	4.08	5.75	2.80	-2.50	-7.61	-8.95	-9.29	140.00
145.3C	4.16	6.26	2.94	-1.52	-6.54	-7.82	-8.11	145.83
150.3C	4.42	6.35	3.43	-0.53	-5.33	-6.58	-7.85	150.00
155.3C	4.66	6.62	4.62	C.30	-4.12	-5.24	-5.94	155.00
160.3C	4.76	6.67	4.60	1.16	-2.90	-3.83	-4.56	160.00
165.3C	4.51	6.96	5.14	1.98	-1.67	-2.41	-3.88	165.00
170.3C	4.09	6.89	5.54	2.81	-0.52	-1.11	-1.82	170.00
175.3C	3.47	6.57	5.70	3.35	0.45	-0.11	-0.75	175.00
180.3C	2.73	5.96	5.56	3.54	1.15	0.57	0.19	180.00
185.3C	1.90	5.01	5.07	3.39	1.49	1.05	0.69	185.00
190.3C	C.97	3.83	4.29	3.13	1.83	1.27	1.09	190.00
195.3C	C.09	2.55	3.45	2.79	1.82	1.35	1.31	195.00
200.3C	-0.50	1.35	2.53	2.31	1.73	1.28	1.34	200.00
205.3C	-0.94	C.41	1.54	1.70	1.59	1.12	1.29	205.83
210.3C	-1.18	-0.32	C.77	1.97	1.43	0.94	1.24	210.00
215.3C	-1.51	-0.88	0.15	6.53	1.26	0.84	1.20	215.83
220.3C	-1.83	-1.26	-0.33	0.01	1.10	0.73	1.25	220.00
225.3C	-2.06	-1.55	-0.75	-0.30	1.07	0.63	1.31	225.00
230.3C	-2.17	-1.85	-1.16	-0.56	0.97	0.57	1.47	230.00
235.3C	-2.18	-2.13	-1.49	-0.79	0.92	0.60	1.66	235.00
240.3C	-2.14	-2.39	-1.82	-1.03	0.93	0.69	1.90	240.83
245.3C	-2.07	-2.62	-2.11	-1.15	1.02	0.83	2.10	245.00
250.3C	-2.02	-2.80	-2.36	-1.28	1.16	1.01	2.30	250.00
255.3C	-1.97	-2.91	-2.52	-1.40	1.32	1.19	2.50	255.00
260.3C	-1.93	-2.99	-2.51	-1.44	1.48	1.39	2.73	260.00
265.3C	-1.90	-3.00	-2.66	-1.49	1.62	1.57	2.98	265.00
270.3C	-1.86	-3.01	-2.68	-1.51	1.64	1.76	3.21	270.83
275.3C	-1.81	-3.03	-2.68	-1.51	1.76	1.99	3.43	275.00
280.3C	-1.78	-2.96	-2.63	-1.48	1.88	2.23	3.69	280.00
285.3C	-1.77	-2.92	-2.57	-1.42	2.02	2.45	3.91	285.00
290.3C	-1.77	-2.88	-2.52	-1.26	2.20	2.68	4.12	290.83
295.3C	-1.77	-2.85	-2.46	-1.25	2.40	2.99	4.35	295.00
300.3C	-1.74	-2.80	-2.44	-0.83	2.62	3.36	4.57	300.83
305.3C	-1.70	-2.73	-2.41	-0.63	2.84	3.73	4.71	305.00
310.3C	-1.62	-2.62	-2.50	-0.41	3.05	3.99	4.78	310.00
315.3C	-1.49	-2.51	-2.53	-0.32	3.19	4.22	4.83	315.00
320.3C	-1.30	-2.43	-2.36	-0.32	3.20	4.36	4.82	320.00
325.3C	-1.16	-2.36	-2.37	-0.30	3.03	4.32	4.68	325.83
330.3C	-1.17	-2.31	-2.83	-0.42	2.85	3.96	4.35	330.83
335.3C	-1.28	-2.37	-3.47	-0.39	2.22	3.41	3.68	335.00
340.3C	-1.43	-2.59	-3.76	-0.20	1.98	2.85	3.05	340.00
345.3C	-1.29	-2.96	-3.73	0.83	2.20	2.61	2.61	345.00
350.3C	-1.18	-3.49	-3.98	-2.89	2.21	2.51	2.54	350.00
355.3C	-2.18	-4.44	-6.45	-3.93	1.90	2.43	3.14	355.83
STATIC COMPONENTS								
	1.15	2.93	3.23	3.42	1.84	2.16	1.49	

BLADE LOADS

TEST 494	CNTR NO. 244				T.C.N. 47	C.R. 09	
SPAN STATION							
DEG	52.5	79.8	119.7	155.3	170.5	189.0	199.5
DYNAMIC COMPONENTS							
9.0	-3.64	-6.29	-4.26	-2.25	-2.19	-2.50	-4.07
5.00	-3.28	-6.54	-4.63	-2.43	-2.75	-1.69	-3.41
10.00	-1.09	-4.84	-6.88	-3.72	-1.38	-0.19	-1.77
15.00	-1.50	-2.42	-7.44	-4.07	-1.08	0.32	-1.16
20.00	-1.10	-1.39	-8.36	-4.09	-1.58	-0.36	-1.92
25.00	-1.06	-2.79	-8.07	-2.69	-0.72	0.23	-1.47
30.00	-1.10	-4.65	-1.94	-0.66	1.56	1.62	-0.12
35.00	-1.97	-4.51	-0.94	1.30	2.44	3.03	1.18
40.00	-2.28	-3.22	-0.16	2.92	3.43	4.74	3.35
45.00	-2.03	-2.15	0.49	4.02	4.50	6.09	5.69
50.00	-1.49	-1.31	1.04	4.74	5.69	6.74	7.43
55.00	-0.66	-0.98	1.43	5.31	6.45	8.94	8.74
60.00	-0.01	-1.00	1.67	5.48	6.68	9.18	7.06
65.00	0.20	-1.10	1.76	5.09	5.80	8.31	5.03
70.00	0.05	-1.29	1.70	4.30	5.39	4.71	4.09
75.00	-0.18	-1.08	1.32	3.26	4.43	2.53	2.22
80.00	-0.42	-0.68	0.82	2.45	2.36	1.05	-4.39
85.00	-0.37	-0.23	0.44	1.84	0.95	-1.54	-5.19
90.00	-0.91	0.19	0.59	1.25	-1.87	-9.57	-6.37
95.00	0.59	0.66	1.38	1.17	-4.46	-11.01	-8.38
100.00	1.33	1.31	2.48	1.53	-7.34	-10.63	-8.06
105.00	2.20	2.19	3.54	0.84	-7.98	-8.83	-4.18
110.00	3.06	3.27	4.29	-0.00	-6.79	-6.69	-3.42
115.00	3.77	4.39	4.73	-2.13	-5.12	-6.34	-2.16
120.00	4.47	5.44	4.55	-2.66	-4.24	-6.89	-4.79
125.00	5.15	6.33	3.59	-3.09	-0.50	-6.55	-4.71
130.00	5.67	6.98	2.66	-3.56	-10.74	-7.08	-7.06
135.00	5.98	7.37	1.02	-4.07	-8.10	-12.22	-12.22
140.00	6.13	7.43	0.92	-4.34	-9.21	-12.72	-12.04
145.00	6.14	7.34	1.06	-4.23	-10.08	-11.06	-12.21
150.00	6.05	7.00	1.36	-3.84	-9.78	-10.61	-10.98
155.00	5.88	6.76	1.94	-3.18	-8.53	-9.51	-9.44
160.00	5.62	6.75	2.62	-2.05	-6.70	-7.92	-8.26
165.00	5.21	7.11	3.42	-0.58	-4.89	-5.84	-6.39
170.00	4.66	7.54	4.24	0.89	-1.79	-3.66	-4.64
175.00	4.07	7.67	4.92	2.26	-1.39	-1.54	-2.61
180.00	3.29	7.25	5.33	3.08	0.35	0.14	-0.65
185.00	2.34	6.35	5.28	3.33	1.22	1.49	0.98
190.00	1.21	4.90	4.72	3.15	2.03	2.17	1.83
195.00	0.81	3.23	3.86	2.85	2.91	2.95	2.31
200.00	-0.94	1.69	2.80	2.56	2.65	2.63	2.49
205.00	-1.59	0.39	1.79	2.17	2.60	2.95	2.52
210.00	-2.10	-0.54	0.95	1.75	2.47	2.45	2.47
215.00	-2.49	-1.19	0.33	1.33	2.33	2.34	2.47
220.00	-2.69	-1.71	-0.17	0.95	2.26	2.24	2.51
225.00	-2.68	-2.09	-0.51	0.58	2.24	2.15	2.58
230.00	-2.54	-2.39	-0.90	0.40	2.25	2.17	2.77
235.00	-2.43	-2.42	-1.26	0.16	2.29	2.27	2.84
240.00	-2.33	-2.76	-1.58	-0.04	2.31	2.40	2.97
245.00	-2.28	-2.80	-1.86	-0.23	2.32	2.52	3.11
250.00	-2.30	-2.78	-2.05	-0.41	2.31	2.58	3.25
255.00	-2.30	-2.74	-2.14	-0.59	2.24	2.60	3.36
260.00	-2.27	-2.72	-2.16	-0.74	2.20	2.59	3.42
265.00	-2.23	-2.68	-2.15	-0.87	2.14	2.59	3.45
270.00	-2.20	-2.62	-2.11	-0.95	2.13	2.61	3.47
275.00	-2.20	-2.58	-2.05	-0.95	2.18	2.67	3.50
280.00	-2.20	-2.55	-1.97	-0.89	2.31	2.77	3.57
285.00	-2.13	-2.52	-1.94	-0.79	2.52	2.93	3.68
290.00	-2.06	-2.46	-1.93	-0.65	2.79	3.09	3.84
295.00	-2.06	-2.45	-1.94	-0.48	3.14	3.34	4.05
300.00	-2.11	-2.54	-1.93	-0.29	3.26	3.61	4.28
305.00	-2.05	-2.52	-1.91	-0.06	3.42	3.89	4.55
310.00	-1.88	-2.34	-1.92	0.15	3.53	4.21	4.75
315.00	-1.63	-2.12	-1.95	0.39	3.57	4.43	4.99
320.00	-1.36	-1.92	-1.95	0.50	3.58	4.62	4.94
325.00	-0.98	-1.72	-1.89	0.39	3.58	4.64	4.88
330.00	-0.50	-1.54	-1.73	-0.36	3.53	4.62	4.66
335.00	-0.19	-1.40	-1.52	-1.57	3.20	4.38	4.30
340.00	-0.64	-2.13	-1.23	-2.48	2.42	3.94	3.82
345.00	-1.64	-2.98	-0.99	-2.46	0.71	2.44	3.82
350.00	-2.57	-4.03	-1.36	-1.76	-1.30	-0.08	1.48
355.00	-2.87	-5.40	-2.68	-1.83	-2.32	-2.41	-3.68
STATIC COMPONENTS							
	1.63	2.18	2.36	1.52	0.73	-0.61	-0.49

BLADE LOADS

TEST 502	CNTR NO. 242			T.C.N. 48		C.R. 47	
SPAN STATION							
000	92.5	79.8	119.7	155.3	178.5	189.0	199.5
DYNAMIC COMPONENTS							
0.0	-2.22	-3.29	-3.11	-2.09	0.19	0.73	0.44
2.50	-1.00	-2.82	-2.30	-2.19	0.02	0.63	-2.22
10.00	-1.29	-2.07	-1.95	-2.25	-0.03	0.04	-0.04
15.32	-0.47	-1.94	-1.77	-1.57	0.20	1.25	0.41
20.00	0.93	-1.09	-1.55	-0.74	0.59	1.76	0.81
25.00	-0.19	-1.77	-1.20	-0.15	1.01	2.50	1.44
30.00	-1.20	-1.24	-0.83	0.56	1.02	3.44	2.27
35.00	-1.32	-0.20	-2.34	1.49	2.02	4.21	3.10
40.00	-0.77	-0.63	0.27	2.49	3.60	4.93	3.94
45.00	-0.41	-0.43	0.09	3.33	4.01	5.34	4.44
50.00	-0.27	-0.25	1.36	3.87	4.07	5.59	4.68
55.00	-0.12	-2.00	1.44	3.95	3.00	5.43	4.45
60.00	-0.01	0.14	1.47	3.76	3.20	4.67	3.72
65.00	0.12	0.47	1.55	3.44	2.39	3.44	2.60
70.00	0.28	0.87	1.47	2.91	1.43	1.87	1.48
75.00	0.52	1.24	1.51	2.31	0.44	0.27	0.32
80.00	0.76	1.00	1.53	1.73	-0.55	-1.20	-1.13
85.00	1.22	2.11	1.55	1.24	-1.40	-2.00	-2.91
90.00	1.34	2.52	1.61	1.05	-2.27	-4.40	-4.50
95.00	1.72	2.06	1.72	0.30	-3.00	-5.63	-7.00
100.00	2.20	3.18	1.82	0.77	-3.82	-6.40	-7.12
105.00	2.62	3.47	1.89	0.37	-4.47	-7.34	-7.97
110.00	2.93	3.71	1.91	0.02	-4.99	-7.84	-8.52
115.00	3.18	3.97	1.94	-0.51	-5.30	-8.12	-8.82
120.00	3.37	4.11	2.02	-1.03	-5.62	-8.13	-8.80
125.00	3.50	4.21	2.11	-1.35	-5.89	-7.70	-8.51
130.00	3.50	4.51	2.19	-1.45	-5.53	-7.40	-8.19
135.00	3.61	4.67	2.33	-1.35	-5.16	-6.05	-7.73
140.00	3.57	4.07	2.55	-1.00	-4.53	-4.14	-7.00
145.00	3.49	4.01	2.79	-0.63	-3.90	-3.30	-6.23
150.00	3.17	5.03	3.04	-0.07	-3.27	-4.50	-5.13
155.00	3.20	5.04	3.33	0.23	-2.54	-3.75	-4.25
160.00	2.97	5.03	3.65	1.37	-1.63	-2.93	-3.64
165.00	2.64	4.94	3.90	1.57	-1.10	-2.10	-2.67
170.00	2.29	4.75	4.03	1.04	-0.61	-1.57	-1.80
175.00	1.80	4.30	3.94	1.04	-0.10	-1.25	-1.08
180.00	1.32	3.78	3.66	1.09	0.14	-0.50	-0.50
185.00	0.80	3.04	3.13	1.71	0.30	-0.21	-0.22
190.00	0.25	2.25	2.44	1.45	0.30	0.05	0.02
195.00	-0.20	1.49	1.70	1.14	0.30	0.15	0.15
200.00	-0.71	0.70	1.05	0.81	0.35	0.12	0.25
205.00	-0.94	0.12	0.56	0.46	0.20	0.23	0.30
210.00	-1.01	-0.43	0.00	0.10	0.21	-0.11	0.34
215.00	-1.18	-0.91	-0.34	-0.15	0.16	-0.19	0.30
220.00	-1.37	-1.50	-0.70	-0.61	0.14	-0.17	0.44
225.00	-1.50	-1.62	-1.01	-0.62	0.20	-0.07	0.64
230.00	-1.50	-1.92	-1.20	-0.70	0.29	0.37	0.70
235.00	-1.60	-2.15	-1.54	-0.89	0.43	0.25	1.18
240.00	-1.59	-2.21	-1.76	-0.94	0.62	0.67	1.40
245.00	-1.62	-2.30	-1.97	-1.21	0.82	0.74	1.84
250.00	-1.64	-2.42	-2.13	-1.54	1.03	1.02	2.21
255.00	-1.64	-2.60	-2.27	-1.13	1.21	1.34	2.50
260.00	-1.58	-2.60	-2.39	-1.09	1.40	1.68	2.94
265.00	-1.53	-2.61	-2.50	-1.06	1.58	2.38	3.27
270.00	-1.52	-2.64	-2.59	-1.33	1.70	2.32	3.53
275.00	-1.53	-2.69	-2.66	-1.33	1.81	2.63	3.72
280.00	-1.53	-2.65	-2.73	-1.35	1.87	2.60	3.82
285.00	-1.47	-2.60	-2.83	-1.36	1.88	3.00	3.73
290.00	-1.40	-2.50	-2.94	-1.32	1.85	3.23	3.54
295.00	-1.42	-2.60	-3.03	-0.92	1.81	3.21	3.32
300.00	-1.52	-2.63	-3.07	-3.43	1.84	3.27	3.22
305.00	-1.61	-2.54	-3.03	-3.76	1.97	3.24	3.37
310.00	-1.69	-2.54	-2.92	-0.75	2.05	3.48	3.50
315.00	-1.68	-2.61	-2.98	-0.80	2.07	3.50	3.60
320.00	-1.65	-2.77	-3.03	-0.90	1.97	3.43	3.94
325.00	-1.51	-2.76	-2.80	-1.03	1.52	2.92	3.79
330.00	-1.00	-2.84	-1.09	-1.10	0.99	2.20	3.39
335.00	-0.67	-3.04	-0.82	-1.32	0.39	1.67	2.59
340.00	-0.60	-3.61	1.30	-1.5	0.50	2.13	2.95
345.00	-1.19	-4.27	0.00	-1.90	0.97	2.00	3.05
350.00	-2.14	-4.60	-2.70	-2.62	0.77	2.11	2.95
355.00	-2.91	-4.07	-4.14	-2.65	0.12	0.95	2.25
STATIC COMPONENTS							
	1.91	3.40	4.60	5.25	3.26	4.50	3.39

BLADE LOADS

TEST 903								
CNTR NO. 178								
T.C.No. 49								
CoR. 57								
SPAN STATION								
DEG	52.5	79.8	119.7	153.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
2.2	-2.01	-3.76	-5.11	-3.95	-0.79	0.47	-2.13	-0.0
4.2C	-2.35	-4.63	-6.65	-3.18	-2.16	-0.29	-0.73	5.03
12.2C	-1.50	-3.42	-2.46	-3.32	-1.67	-0.37	-0.91	10.33
15.2C	-0.59	-2.26	-2.60	-2.47	-0.87	0.50	-0.02	15.00
20.00	-1.16	-2.51	-2.54	-1.51	0.00	1.35	0.74	20.00
25.30	-2.14	-2.93	-1.91	-0.94	0.97	2.22	1.43	25.00
30.00	-2.54	-2.25	-1.03	0.30	1.91	3.50	2.57	30.00
35.32	-1.34	-1.01	-0.30	1.53	3.01	4.71	4.11	35.00
40.3C	-0.91	-1.53	0.37	2.05	4.51	5.99	5.41	40.00
45.30	-0.84	-1.33	1.06	4.03	4.70	6.83	5.95	45.00
50.30	-0.72	-1.14	1.59	4.56	5.06	7.40	6.00	50.00
55.30	-0.54	-0.97	1.01	4.03	4.92	7.38	5.35	55.00
60.3C	-0.49	-0.81	1.75	4.70	4.56	6.46	4.95	60.00
65.3C	-0.52	-0.64	1.66	4.63	4.03	.11	6.31	65.00
70.3C	-0.55	-0.59	1.53	3.00	3.30	4.87	4.55	70.00
75.3C	-0.47	-0.54	1.41	3.51	2.02	3.75	0.90	75.00
80.3C	-0.10	0.63	1.37	2.06	0.39	3.21	-2.27	80.00
85.3C	0.51	1.16	1.47	1.00	-1.27	0.93	-5.07	85.00
90.3C	1.15	1.72	1.65	1.16	-3.24	-2.59	-6.54	90.00
95.3C	1.78	2.23	1.94	0.50	-5.36	-7.64	-7.46	95.00
100.3C	2.41	2.87	2.29	0.10	-7.45	-14.29	-9.12	100.00
105.3C	3.03	3.45	2.61	-0.77	-8.94	-15.39	-11.12	105.00
110.3C	3.63	3.90	2.82	-2.09	-9.32	-16.56	-14.47	110.00
115.3C	4.13	4.51	2.96	-3.27	-9.78	-12.19	-16.00	115.00
120.3C	4.44	5.03	2.97	-3.80	-9.69	-11.36	-13.00	120.00
125.30	4.70	5.47	2.90	-3.95	-9.69	-13.69	-11.45	125.00
130.3C	4.87	5.81	2.93	-3.61	-9.38	-10.16	-11.51	130.00
135.3C	5.05	6.10	2.96	-2.97	-8.71	-9.09	-10.45	135.00
140.3C	5.19	6.38	3.39	-2.14	-7.68	-8.05	-9.93	140.00
145.3C	5.28	6.64	3.40	-1.15	-6.40	-7.39	-7.61	145.00
150.3C	5.27	6.86	3.90	-0.33	-5.65	-5.00	-6.22	150.00
155.3C	5.15	7.24	4.50	1.22	-3.65	-4.48	-4.76	155.00
160.3C	4.80	7.17	5.04	1.77	-2.22	-3.10	-3.46	160.00
165.3C	4.45	7.17	5.53	2.53	-0.96	-1.77	-2.21	165.00
170.3C	3.74	6.95	5.87	3.12	-0.13	-0.60	-1.10	170.00
175.3C	3.14	6.39	5.90	3.39	0.62	0.24	-0.32	175.00
180.3C	2.18	5.47	5.59	3.47	1.00	0.52	0.41	180.00
185.3C	1.37	4.32	5.62	3.55	1.40	0.95	0.95	185.00
190.3C	0.21	2.98	4.17	2.00	1.62	1.22	1.30	190.00
195.3C	-0.29	1.62	3.12	2.51	1.64	1.30	1.40	195.00
200.3C	-0.67	0.55	2.09	1.99	1.51	1.20	1.54	200.00
205.3C	-1.31	-0.28	1.17	1.42	1.36	1.03	1.51	205.00
210.3C	-1.06	-0.73	0.44	0.82	1.10	0.87	1.45	210.00
215.3C	-1.95	-1.04	-0.21	0.39	0.99	0.73	1.30	215.00
220.3C	-2.03	-1.39	-0.68	-0.11	0.91	0.62	1.42	220.00
225.3C	-2.08	-1.81	-1.64	-0.52	0.79	0.54	1.56	225.00
230.3C	-2.09	-2.09	-1.40	-0.07	0.73	0.51	1.69	230.00
235.3C	-2.09	-2.64	-1.74	-1.13	0.75	0.54	1.84	235.00
240.3C	-2.05	-2.66	-2.08	-1.33	0.82	0.61	1.90	240.00
245.3C	-2.01	-2.97	-2.39	-1.53	0.92	0.73	2.13	245.00
250.3C	-1.99	-3.06	-2.63	-1.62	1.03	0.94	2.31	250.00
255.3C	-1.99	-3.14	-2.70	-1.73	1.15	1.19	2.59	255.00
260.3C	-2.01	-3.19	-2.82	-1.74	1.27	1.47	2.92	260.00
265.3C	-2.00	-3.20	-2.80	-1.77	1.43	1.69	3.24	265.00
270.3C	-1.95	-3.17	-2.75	-1.69	1.57	1.88	3.54	270.00
275.3C	-1.89	-3.11	-2.72	-1.64	1.62	2.04	3.80	275.00
280.3C	-1.84	-3.07	-2.72	-1.54	1.84	2.36	4.07	280.00
285.3C	-1.81	-3.02	-2.73	-1.38	2.09	2.59	4.34	285.00
290.3C	-1.81	-2.96	-2.64	-1.10	2.39	2.94	4.67	290.00
295.3C	-1.77	-2.88	-2.64	-0.94	2.70	3.34	4.94	295.00
300.3C	-1.63	-2.82	-2.67	-0.71	2.99	3.73	5.16	300.00
305.3C	-1.52	-2.74	-2.73	-0.49	3.22	4.16	5.31	305.00
310.3C	-1.44	-2.66	-2.68	-0.33	3.46	4.56	5.40	310.00
315.3C	-1.39	-2.57	-2.54	-0.25	3.65	4.85	5.41	315.00
320.3C	-1.25	-2.49	-2.64	-0.33	3.97	4.84	5.67	320.00
325.3C	-1.22	-2.45	-3.64	-0.31	3.13	4.77	5.67	325.00
330.3C	-1.34	-2.67	-3.59	-0.21	2.84	4.52	4.59	330.00
335.3C	-1.60	-2.79	-3.40	0.45	2.59	4.23	4.01	335.00
340.3C	-1.74	-3.13	-3.83	0.55	3.22	4.18	3.82	340.00
345.3C	-1.51	-2.58	-3.90	-1.78	4.95	4.72	3.67	345.00
350.3C	-1.91	-2.21	-4.33	-3.49	5.72	3.10	1.40	350.00
355.3C	-2.01	-4.67	-5.25	-3.54	2.67	0.80	-0.32	355.00
STATIC COMPONENTS								
	3.74	2.62	3.15	3.48	2.64	2.58	1.42	

BLADE LOADS

TEST 494

CNTR NO. 256

T.C.N. 50

C.R. 10

SPAN STATION

DEG	52.5	79.8	119.7	153.3	178.5	189.0	199.5	
DYNAMIC COMPONENTS								
0.0	-2.00	-7.69	-5.83	-2.65	-1.78	-1.49	-3.17	0.0
5.00	-1.82	-6.50	-7.07	-6.69	-2.91	-0.96	0.15	5.00
10.00	-1.68	-4.21	-7.61	-2.64	-2.44	-1.05	-1.83	10.00
15.00	-1.07	-2.97	-6.43	-4.52	-2.14	-1.17	-2.38	15.00
20.00	-0.59	-3.44	-4.70	-3.77	-1.55	-0.37	-1.92	20.00
25.00	-1.96	-3.71	-2.42	-1.75	0.06	1.23	-0.38	25.00
30.00	-3.06	-3.61	-1.03	0.40	1.64	2.72	-1.36	30.00
35.00	-2.93	-3.13	-0.22	2.34	2.05	4.31	-1.37	35.00
40.00	-2.22	-2.22	0.44	3.63	4.13	5.89	3.15	40.00
45.00	-1.22	-1.40	1.12	4.73	5.32	7.61	6.95	45.00
50.00	-0.45	-0.96	1.69	5.40	6.50	9.07	8.43	50.00
55.00	0.05	-0.91	1.99	5.06	7.07	9.78	8.99	55.00
60.00	0.21	-1.04	2.04	5.65	6.47	9.57	6.47	60.00
65.00	0.04	-1.12	1.80	4.04	4.05	7.09	4.72	65.00
70.00	-0.19	-0.99	1.23	3.60	5.56	3.59	4.63	70.00
75.00	-0.33	-0.71	0.95	2.39	3.50	1.34	-1.04	75.00
80.00	-0.20	-0.36	0.16	1.96	1.16	0.39	-7.09	80.00
85.00	-0.01	0.10	0.20	0.93	-0.46	-7.22	-0.04	85.00
90.00	0.50	0.67	0.99	0.55	-9.37	-11.76	-0.40	90.00
95.00	1.25	1.42	2.15	1.16	-6.32	-12.65	-0.99	95.00
100.00	2.13	2.44	3.50	1.33	-7.83	-18.09	-6.54	100.00
105.00	3.05	3.54	4.57	-0.01	-7.12	-6.21	-4.02	105.00
110.00	3.92	4.50	5.12	-1.54	-5.74	-6.88	-2.41	110.00
115.00	4.72	5.59	5.11	-2.33	-4.05	-6.89	-2.38	115.00
120.00	5.42	6.56	4.39	-2.70	-6.23	-7.13	-6.43	120.00
125.00	5.93	7.36	2.77	-1.30	-11.11	-6.47	-7.40	125.00
130.00	6.29	7.75	1.27	-4.02	-9.52	-17.01	-7.61	130.00
135.00	6.31	7.80	0.91	-4.56	-7.80	-12.32	-12.10	135.00
140.00	6.30	7.73	1.03	-4.69	-9.41	-11.62	-13.67	140.00
145.00	6.31	7.44	1.20	-4.37	-10.95	-11.51	-11.01	145.00
150.00	6.30	7.15	1.71	-3.49	-9.73	-10.28	-10.79	150.00
155.00	5.90	7.01	2.41	-2.34	-8.21	-8.93	-8.33	155.00
160.00	5.56	7.16	3.19	-1.82	-6.40	-6.42	-7.80	160.00
165.00	5.03	7.42	3.96	0.56	-4.47	-4.78	-5.31	165.00
170.00	4.34	7.52	4.69	1.00	-2.49	-2.76	-3.27	170.00
175.00	3.40	7.50	5.29	2.90	-0.65	-2.80	-1.19	175.00
180.00	2.42	6.89	5.41	3.43	0.88	0.85	0.62	180.00
185.00	1.23	5.61	4.95	3.36	1.94	1.99	1.77	185.00
190.00	0.09	3.93	4.13	3.11	2.55	2.61	2.40	190.00
195.00	-0.87	2.16	3.10	2.80	2.80	2.67	2.60	195.00
200.00	-1.51	0.61	2.21	2.43	2.74	2.52	2.58	200.00
205.00	-2.03	-0.41	1.29	1.99	2.59	2.31	2.50	205.00
210.00	-2.45	-1.16	0.56	1.54	2.48	2.16	2.49	210.00
215.00	-2.74	-1.65	-0.07	1.16	2.40	2.09	2.56	215.00
220.00	-2.84	-2.15	-0.49	0.79	2.33	2.59	2.64	220.00
225.00	-2.89	-2.54	-0.82	0.45	2.25	2.14	2.76	225.00
230.00	-2.89	-2.81	-1.16	0.15	2.25	2.27	2.89	230.00
235.00	-2.73	-2.99	-1.54	-0.04	2.28	2.44	3.02	235.00
240.00	-2.59	-3.00	-1.88	-0.29	2.30	2.59	3.14	240.00
245.00	-2.46	-3.01	-2.12	-0.50	2.25	2.67	3.23	245.00
250.00	-2.46	-3.04	-2.26	-0.78	2.15	2.68	3.29	250.00
255.00	-2.45	-3.06	-2.33	-0.99	2.04	2.66	3.36	255.00
260.00	-2.39	-2.99	-2.33	-1.05	2.00	2.65	3.45	260.00
265.00	-2.34	-2.95	-2.30	-1.17	2.00	2.64	3.55	265.00
270.00	-2.30	-2.81	-2.25	-1.24	2.05	2.70	3.60	270.00
275.00	-2.31	-2.77	-2.20	-1.21	2.14	2.77	3.65	275.00
280.00	-2.33	-2.73	-2.16	-1.08	2.26	2.94	3.72	280.00
285.00	-2.25	-2.76	-2.08	-0.89	2.41	3.04	3.82	285.00
290.00	-2.11	-2.72	-2.04	-0.64	2.62	3.26	4.02	290.00
295.00	-2.00	-2.70	-2.03	-0.43	2.87	3.44	4.27	295.00
300.00	-2.13	-2.71	-2.02	-0.21	3.13	3.64	4.55	300.00
305.00	-2.00	-2.61	-2.01	-0.02	3.37	4.09	4.81	305.00
310.00	-1.79	-2.45	-1.99	0.18	3.55	4.33	5.07	310.00
315.00	-1.49	-2.25	-1.97	0.31	3.66	4.58	5.26	315.00
320.00	-1.18	-2.06	-1.92	0.49	3.76	4.76	5.34	320.00
325.00	-0.81	-1.79	-1.91	0.29	4.02	4.89	5.32	325.00
330.00	-0.45	-1.61	-1.52	-0.03	4.19	4.79	5.12	330.00
335.00	-0.63	-1.91	-1.11	-2.16	3.79	4.57	4.82	335.00
340.00	-1.22	-2.55	-0.83	-2.63	2.29	3.92	4.21	340.00
345.00	-1.60	-2.85	-0.95	-2.16	0.04	1.78	2.44	345.00
350.00	-1.98	-4.04	-1.76	-1.29	-1.54	-0.61	-0.62	350.00
355.00	-2.65	-4.12	-3.79	-1.88	-1.98	-1.85	-3.31	355.00

STATIC COMPONENTS

1.77 2.40 2.48 1.94 1.82 -0.20 -0.24

APPENDIX VIII

HARMONIC COMPONENTS OF AIRLOADS AND FITCHING MOMENTS

This appendix presents the harmonic components of the lumped lift loads (normal force in pounds) and the pitching moments (blade feathering moments in inch-pounds) for the selected span stations as listed in Table III of Appendix I. These data were used as input in the correlation phase of the research program. Harmonics for 20 test conditions are presented.

The symbols used are:

A0	static component
AJ	cosine term of jth harmonic
BJ	sine term of jth harmonic
CJ	resultant of jth harmonic
PHIJC	phase angle

The definition formulas for the Fourier Series of $Y = f(X)$ are

$$Y = A_0 + \sum_{J=1}^N A_J \cos JX + \sum_{J=1}^N B_J \sin JX$$

or in complex form

$$Y = A_0 + \sum_{J=1}^N C_J \cos (JX - \text{PHIJC})$$

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF				LIFT AT MEAN SPAN STATION 29			
MODEL	IN-51A	SHIP 1002C	TEST 502	OSC CTR	530	TEST COND	1 COMP RUN 53.1
AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
0.75553					0		
-0.03101	-0.11033	0.11440	254.30266	1.000000	1	5.014	
0.07779	-0.05007	0.09755	322.07964	0.051244	2	11.620	
0.01196	-0.05505	0.05433	202.25977	0.491547	3	17.442	
0.10136	-0.02982	0.10545	343.60710	0.921946	4	23.256	
0.00543	-0.01221	0.01336	293.90400	0.116401	5	29.070	
-0.00045	0.00271	0.00270	103.43387	0.024293	6	34.004	
-0.02106	-0.01640	0.02745	217.21002	0.239566	7	40.690	
-0.00262	-0.01977	0.01993	262.45557	0.174054	8	46.512	
0.00037	-0.00737	0.00738	272.07012	0.064410	9	52.326	
-0.01504	-0.00527	0.01594	199.30100	0.139064	10	58.140	

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29				LIFT AT MEAN SPAN STATION 29			
MODEL	IN-51A	SHIP 1002C	TEST 502	OSC CTR	530	TEST COND	1 COMP RUN 53.1
AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
0.47110					0		
0.34762	0.11632	0.34456	10.50067	1.000000	1	5.014	
-0.06703	-0.07799	0.10204	229.32297	0.200951	2	11.620	
-0.00227	0.01609	0.00303	160.93349	0.220701	3	17.442	
-0.00059	-0.02112	0.00331	194.60350	0.227202	4	23.256	
0.05462	0.16314	0.17204	71.49037	0.449326	5	29.070	
-0.02322	-0.01213	0.02620	207.50548	0.071465	6	34.004	
-0.00540	-0.00799	0.00975	234.94330	0.026411	7	40.690	
0.02443	-0.02706	0.03719	311.47729	0.101440	8	46.512	
-0.00415	0.00346	0.00340	140.19305	0.014727	9	52.326	
0.05209	0.02344	0.05785	23.90367	0.157827	10	58.140	

HARMONIC ANALYSIS OF				LIFT AT MEAN SPAN STATION 36			
MODEL	IN-51A	SHIP 1002C	TEST 502	OSC CTR	530	TEST COND	1 COMP RUN 53.1
AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
3.06452					0		
-0.11336	-0.52059	0.53203	251.69402	1.000000	1	5.014	
0.30106	-0.20001	0.47399	323.07041	0.009571	2	11.620	
0.04327	-0.25671	0.20033	279.54112	0.480502	3	17.442	
0.40000	-0.13908	0.50773	34.00000	0.952003	4	23.256	
0.02333	-0.05795	0.04247	291.02456	0.117246	5	29.070	
-0.00004	0.01149	0.01149	90.17000	0.021544	6	34.004	
-0.10462	-0.07043	0.13076	210.05767	0.245402	7	40.690	
-0.00993	-0.09414	0.09465	204.07220	0.177033	8	46.512	
0.00242	-0.03644	0.03652	273.00000	0.060545	9	52.326	
-0.07020	-0.02499	0.07452	199.59043	0.139056	10	58.140	

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36				LIFT AT MEAN SPAN STATION 36			
MODEL	IN-51A	SHIP 1002C	TEST 502	OSC CTR	530	TEST COND	1 COMP RUN 53.1
AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
2.20042					0		
1.40700	0.54500	1.69764	10.72505	1.000000	1	5.014	
-0.20905	-0.35517	0.44431	229.90290	0.273499	2	11.620	
-0.30543	0.06053	0.39147	109.91003	0.230595	3	17.442	
-0.30769	-0.10153	0.40076	194.67402	0.230007	4	23.256	
0.24541	0.70263	0.00115	72.16107	0.471912	5	29.070	
-0.10714	-0.05762	0.12165	200.27132	0.071640	6	34.004	
-0.02707	-0.04225	0.05017	237.35301	0.029555	7	40.690	
0.11253	-0.12732	0.16992	311.47095	0.100090	8	46.512	
-0.02207	0.02226	0.03191	135.76039	0.010799	9	52.326	
0.24401	0.10995	0.27019	24.01225	0.199156	10	58.140	

TEXT NOT REPRODUCIBLE

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
MODEL XN-51A SNIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.51761					0	
-0.11062	-1.23194	1.23764	264.50000	0.995000	1	5.014
0.97160	-0.67827	1.18493	325.08105	0.932711	2	11.620
0.04204	-0.59357	0.59505	274.05078	0.478434	3	17.442
1.10991	-0.32730	1.24375	344.74243	1.000000	4	23.256
0.04462	-0.13073	0.14573	287.83600	0.117170	5	29.070
0.01373	0.02130	0.02534	57.18823	0.020374	6	34.884
-0.25423	-0.18603	0.31503	216.19404	0.253209	7	40.690
-0.01167	-0.22660	0.22690	267.05225	0.182433	8	46.512
0.02085	-0.09303	0.09424	275.38794	0.075772	9	52.326
-0.16261	-0.05979	0.17325	200.18671	0.139300	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
MODEL XN-51A SNIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.10340					0	
3.65990	1.27204	3.87000	19.10523	1.000000	1	5.014
-0.42004	-0.78155	1.00301	231.18756	0.259118	2	11.620
-0.09920	0.12020	0.90030	171.00139	0.234671	3	17.442
-0.95137	-0.34004	0.90330	194.65004	0.254044	4	23.256
0.52437	1.77193	1.84709	73.51405	0.477383	5	29.070
-0.24246	-0.13011	0.27903	209.06742	0.072895	6	34.884
-0.00093	-0.12092	0.13821	241.03434	0.035704	7	40.690
0.24934	-0.28229	0.37665	311.45557	0.097303	8	46.512
-0.06924	0.07907	0.10579	130.00601	0.027329	9	52.326
0.57137	0.25712	0.62654	24.22023	0.161065	10	58.140

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
MODEL XN-51A SNIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
31.90000					0	
0.99911	-2.38361	2.98054	293.32129	0.890427	1	5.014
2.41950	-1.39351	2.79217	330.06104	1.000000	2	11.620
-0.40313	-0.96502	1.07741	243.35740	0.305069	3	17.442
2.04315	-0.57704	2.70553	347.67212	0.960970	4	23.256
-0.01356	-0.26004	0.26090	267.10913	0.096333	5	29.070
0.15217	-0.01200	0.15265	335.44973	0.054670	6	34.884
-0.94310	-0.34635	0.44414	212.52607	0.230094	7	40.690
0.00502	-0.46123	0.46016	200.95200	0.160020	8	46.512
0.04553	-0.24915	0.24934	200.52051	0.309301	9	52.326
-0.27117	-0.11040	0.29031	202.07320	0.105405	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
MODEL XN-51A SNIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.57235					0	
5.51073	2.17200	5.74543	22.22090	1.000000	1	5.014
-0.97004	-0.09020	0.97910	245.97409	0.170615	2	11.620
-1.90417	-0.09310	1.96694	163.40906	0.272728	3	17.442
-2.10362	-0.95109	2.17481	194.70044	0.370529	4	23.256
0.44462	2.09942	3.03247	81.53254	0.527006	5	29.070
-0.24220	-0.26993	0.43506	218.24915	0.075062	6	34.884
-0.15773	-0.43370	0.46149	230.01467	1.000174	7	40.690
0.30000	-0.34520	0.46393	311.90094	0.000740	8	46.512
-0.20000	0.40072	0.40790	123.52090	0.004919	9	52.326
0.00230	0.44044	1.05204	25.21594	0.103214	10	58.140

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

* HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL 44-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
42.56137					0	
3.49227	-1.02600	3.63987	343.62744	1.000000	1	5.814
2.50307	-0.91278	2.66619	339.97949	0.732493	2	11.628
-1.50673	-0.11502	1.51117	184.39558	0.415172	3	17.442
2.12160	-0.17770	2.12903	355.21216	0.584918	4	23.256
-0.23102	-0.14864	0.27470	212.75853	0.075471	5	29.070
0.36154	-0.12886	0.38382	348.38232	0.105449	6	34.884
-0.38929	-0.15843	0.42030	282.14486	0.115470	7	40.698
0.28614	-0.28897	0.40667	314.71826	0.111726	8	46.512
0.08691	-0.27061	0.28422	287.88493	0.078806	9	52.326
-0.04531	-0.06163	0.07649	233.67296	0.021016	1C	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL 44-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.99729					0	
-0.93263	0.55311	1.08431	149.32953	0.608563	1	5.814
1.54986	0.87895	1.78175	29.55836	1.000000	2	11.628
-0.42420	-0.78225	0.88986	241.53600	0.499432	3	17.442
-1.67886	-0.43568	1.72671	194.61708	0.969188	4	23.256
-1.01959	0.62674	1.19341	148.32056	0.669796	5	29.070
0.09181	-0.15384	0.17899	380.86811	0.108455	6	34.884
-0.13693	-0.65249	0.64671	258.16195	0.374185	7	40.698
-0.22316	0.25792	0.34186	138.86646	0.191428	8	46.512
-0.44381	0.76793	0.58655	119.97986	0.497575	9	52.326
0.15458	0.13087	0.20248	40.26559	0.113648	1C	58.140

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL 44-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
63.87895					0	
7.63881	-0.15310	7.63155	398.85834	1.000000	1	5.814
3.02488	-0.74586	3.11548	346.14868	0.408237	2	11.628
-2.32388	0.24588	2.33596	173.97954	0.386893	3	17.442
2.09888	0.14786	2.09523	4.84679	0.274548	4	23.256
-0.48740	-0.12637	0.42655	197.23388	0.055893	5	29.070
0.53193	-0.27845	0.59674	333.85885	0.078194	6	34.884
-0.19935	-0.10491	0.22526	207.75545	0.029518	7	40.698
0.44211	-0.17182	0.47484	338.85285	0.062116	8	46.512
0.12497	-0.29423	0.32046	293.34229	0.041992	9	52.326
0.09889	-0.08648	0.13136	318.77983	0.017213	1C	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL 44-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-3.41344					0	
-3.11451	-0.19886	3.12072	183.61664	1.000000	1	5.814
2.38881	1.81894	2.99781	37.16324	0.968613	2	11.628
0.41949	-0.99325	1.77320	292.89888	0.345448	3	17.442
-1.34449	-0.24673	1.38681	198.24885	0.444389	4	23.256
-1.93627	-0.76271	2.05187	201.49988	0.666855	5	29.070
0.23689	-0.17585	0.29391	323.44458	0.094179	6	34.884
-0.01612	-0.65288	0.65228	288.58423	0.200816	7	40.698
-0.62838	0.61633	0.88827	135.56815	0.282873	8	46.512
-0.68836	1.03644	1.19779	128.88133	0.388817	9	52.326
-0.45624	-0.01876	0.45637	181.35123	0.146238	1C	58.140

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
67.47194					C	
10.00745	0.20212	10.00949	1.15705	1.000000	1	5.014
2.70749	-0.56576	2.76616	348.19800	0.276354	2	11.628
-1.77800	-0.10076	1.78173	103.24203	0.178004	3	17.442
1.72394	0.24914	1.74185	0.22383	0.174020	4	23.256
-9.34376	-0.17766	0.38695	207.32983	0.038659	5	29.070
0.42388	-0.29550	0.51672	325.11816	0.051623	6	34.884
0.07800	-0.16641	0.18413	295.33862	0.018395	7	40.698
0.33743	-0.04300	0.34016	352.75755	0.033984	8	46.512
0.18038	-0.19908	0.22296	296.75757	0.022275	9	52.326
0.09835	-0.14799	0.17749	303.60718	0.017752	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-3.88130					C	
0.56240	0.37803	0.69380	32.42996	0.472977	1	5.014
0.86281	0.96746	1.29631	38.27.37	0.888581	2	11.628
0.61364	-0.25980	0.64637	337.05290	0.456777	3	17.442
-0.61795	0.07817	0.62288	172.79845	0.426963	4	23.256
-1.31305	-0.63577	1.45886	205.83621	1.000000	5	29.070
-0.82522	-0.24856	0.24983	264.20654	0.171253	6	34.884
0.18473	-0.13022	0.22601	324.81866	0.154923	7	40.698
-0.56388	0.38654	0.68365	145.56923	0.468623	8	46.512
-0.45712	0.78146	0.83726	123.89090	0.573918	9	52.326
-0.55952	0.85143	0.56198	174.74820	0.385150	10	58.140

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
55.01814					C	
9.11915	0.16931	9.12072	1.06368	1.000000	1	5.014
2.01850	-0.30016	2.04869	351.54175	0.223743	2	11.628
-0.96122	-0.36594	1.02852	200.84284	0.112767	3	17.442
1.23818	0.14538	1.24720	6.69397	0.136744	4	23.256
-0.21852	-0.20364	0.29849	222.98150	0.032749	5	29.070
0.27864	-0.21545	0.35234	322.26123	0.038631	6	34.884
0.16530	-0.18710	0.24966	311.45923	0.027373	7	40.698
0.18687	0.03265	0.18970	9.91109	0.020799	8	46.512
0.05168	-0.12487	0.13514	292.48389	0.014817	9	52.326
0.06399	-0.13744	0.15160	294.96509	0.016622	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-2.13438					C	
2.56599	1.01749	2.78056	21.62982	1.000000	1	5.014
-0.30282	0.23262	0.38186	142.46938	0.138336	2	11.628
0.40455	0.17664	0.44327	73.48450	0.160582	3	17.442
-0.09389	0.17125	0.19530	118.73463	0.070752	4	23.256
-0.56774	-0.31452	0.64964	269.98604	0.235130	5	29.070
-0.13958	-0.20652	0.24926	235.94635	0.090301	6	34.884
0.20786	0.18244	0.27657	41.27310	0.100192	7	40.698
-0.34180	0.11313	0.36004	161.63606	0.130431	8	46.512
-0.25867	0.30639	0.40098	130.17238	0.145265	9	52.326
-0.36509	0.08177	0.37413	167.37491	0.135538	10	58.140

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
61.89182					0	
10.68835	0.05264	10.68848	0.28220	1.000000	1	5.814
2.32710	-0.02288	2.32721	399.43652	0.217731	2	11.628
-0.71865	-0.55688	0.90916	217.77216	0.085060	3	17.442
1.39096	-0.08181	1.39336	356.43379	0.130361	4	23.256
-0.22906	-0.32138	0.39466	234.52101	0.036724	5	29.070
0.36123	-0.18759	0.40703	332.55615	0.030881	6	34.884
0.14597	-0.74391	0.30159	298.94849	0.028216	7	40.698
0.16424	0.10007	0.19233	31.35431	0.017994	8	46.512
0.01704	-0.19473	0.19747	274.95483	0.018475	9	52.326
0.08029	-0.11119	0.13715	305.83398	0.012832	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.55420					0	
2.19161	2.05298	3.00298	43.12933	1.000000	1	5.814
-0.74896	0.27179	0.78923	199.85623	0.262816	2	11.628
0.10236	0.17531	0.20310	59.74753	0.067659	3	17.442
0.22448	0.06532	0.23379	16.22499	0.077852	4	23.256
-0.39704	-0.53880	0.44929	237.61328	0.222874	5	29.070
-0.03097	-0.07824	0.08413	240.43062	0.028815	6	34.884
0.14628	0.27323	0.31169	62.00938	0.103793	7	40.698
-0.27427	-0.01829	0.27488	183.81522	0.091536	8	46.512
-0.20224	0.12566	0.23830	146.14612	0.079289	9	52.326
-0.19908	0.04678	0.20498	166.77785	0.055105	10	58.140

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
147.79297					0	
25.97693	-0.43212	25.98440	358.60596	1.000000	1	5.814
5.99447	1.18852	4.11116	11.21459	0.235104	2	11.628
-0.00595	-1.54819	1.74541	242.49994	0.067171	3	17.442
3.47284	-1.15740	3.66864	341.56436	0.140077	4	23.256
-0.53993	-1.06752	1.19630	243.17038	0.046839	5	29.070
1.12421	-0.18080	1.13065	358.86353	0.043820	6	34.884
-0.05409	-0.71523	0.71727	265.67529	0.027604	7	40.698
0.30351	0.41627	0.51516	53.98363	0.019826	8	46.512
-0.09519	-0.74496	0.75101	262.71826	0.020982	9	52.326
0.26787	-0.02536	0.26907	354.59131	0.010355	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.80797					0	
-1.18486	0.09713	0.10336	98.32510	1.000000	1	5.814
-1.72891	1.64994	2.38408	136.20618	0.291333	2	11.628
-0.98835	-0.47146	1.09304	205.50175	0.133813	3	17.442
1.15622	-0.58281	1.29480	335.24982	0.158224	4	23.256
-0.75868	-2.49388	2.60673	253.87424	0.310341	5	29.070
0.71826	0.43196	0.83809	31.02492	0.102414	6	34.884
-0.21842	0.46766	0.51782	114.22464	0.062666	7	40.698
-0.33637	-0.29767	0.44917	221.50493	0.054888	8	46.512
-0.28866	-0.23698	0.37348	219.38498	0.045639	9	52.326
0.34885	-0.17315	0.38946	333.60278	0.047592	10	58.140

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 538 TEST COND 1 COMP RUN 43.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
120.71403					C	
23.06474	-0.79395	23.07838	358.02832	1.000000	1	5.814
4.61773	1.16333	4.76201	54.14011	0.204341	2	11.628
0.66375	-1.55725	1.55855	272.34424	0.067533	3	17.442
2.51561	-1.04095	2.72240	337.52051	0.117966	4	23.256
-0.21973	-0.86345	0.86097	255.72252	0.018606	5	29.070
0.76358	0.10657	0.77078	7.94697	0.033399	6	34.884
-0.37856	-0.31851	0.49473	220.07610	0.021437	7	40.698
0.18638	0.41199	0.45219	65.65887	0.019594	8	46.512
-0.08531	-0.48421	0.49167	260.00732	0.021304	9	52.326
0.38669	-0.03981	0.38927	352.60449	0.013401	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 538 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.72450					C	
-2.93413	8.54726	9.03686	108.94678	1.000000	1	5.814
-1.16547	3.98705	1.52728	139.73842	0.169886	2	11.628
-0.93306	0.86171	0.93741	173.40614	0.059469	3	17.442
0.94713	-0.90426	1.11389	328.24316	0.123261	4	23.256
-0.55648	-2.42869	2.49162	257.09473	0.275717	5	29.070
0.96688	-0.15137	0.97846	351.10059	0.136274	6	34.884
-1.67341	0.48140	1.14086	155.01862	0.126157	7	40.698
0.12310	0.28478	0.31104	46.28468	0.034419	8	46.512
-0.33195	-0.28979	0.44065	221.12001	0.048761	9	52.326
0.95391	-0.32950	1.00922	340.94489	0.111678	10	58.140

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 538 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
154.99419					C	
31.69499	-1.41394	31.72450	357.44556	1.000000	1	5.814
4.63146	1.15086	4.77231	13.95470	0.150420	2	11.628
0.74855	-2.55678	2.66363	286.32153	0.083956	3	17.442
2.27851	-0.47686	2.32787	346.17944	0.073373	4	23.256
0.60959	-0.82507	0.82899	276.60864	0.026180	5	29.070
0.25782	0.44160	0.51095	59.79994	0.016105	6	34.884
-0.99837	0.12856	0.61383	167.87447	0.019291	7	40.698
0.93388	0.47368	0.47489	85.91837	0.014968	8	46.512
-0.63806	-0.08212	0.09898	244.61954	0.002865	9	52.326
0.48126	-0.18497	0.44184	335.75098	0.013927	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 538 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.37414					C	
3.86777	11.99269	12.68094	72.12492	1.000000	1	5.814
-1.43277	-0.24089	1.45288	189.94395	0.115299	2	11.628
1.79852	0.69909	1.93881	25.36826	0.122118	3	17.442
-0.87751	-0.18791	0.13286	234.30942	0.010544	4	23.256
-0.61600	-2.87590	2.16487	253.52353	0.171802	5	29.070
0.81936	-1.49529	1.67809	299.37964	0.132536	6	34.884
-1.71904	0.99424	1.95831	151.17293	0.155410	7	40.698
0.48888	1.00317	1.00028	68.22052	0.085730	8	46.512
-0.62240	-0.19412	0.65197	197.32185	0.051739	9	52.326
1.25233	-0.91814	1.29816	346.09033	0.102386	10	58.140

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LEFT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 59.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
115.48019					0	
20.23860	-2.53090	20.39622	352.87183	1.000000	1	5.814
2.94958	2.51369	3.89063	40.24718	0.190753	2	11.628
0.49600	-2.67065	2.71632	280.52124	0.133178	3	17.442
1.27934	-0.19596	1.29426	351.29126	0.063456	4	23.256
-0.34059	-0.57692	0.66995	239.44394	0.032847	5	29.070
-0.23447	0.55665	0.60480	113.01634	0.079652	6	34.884
0.20969	-0.24752	0.32440	310.27075	0.015965	7	40.698
-0.50657	0.08869	0.51428	170.06941	0.025214	8	46.512
-0.22721	-0.11764	0.25586	207.37259	0.012544	9	52.326
-0.14283	0.47440	0.49543	106.75601	0.024290	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 59.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
9.49325					0	
23.26439	10.01633	25.33083	23.29218	1.000000	1	5.814
-1.91503	1.12644	1.88791	143.36894	0.074530	2	11.628
2.18369	-4.89834	5.36304	294.02734	0.211720	3	17.442
-3.34486	-0.02588	3.34496	180.44337	0.132051	4	23.256
-0.32577	0.98412	1.03663	108.31581	0.048924	5	29.070
-8.89354	0.51869	1.63317	149.06511	0.040787	6	34.884
2.02048	0.27160	2.03885	7.45538	0.080489	7	40.698
-0.71315	-1.87851	2.00932	249.21133	0.079323	8	46.512
-0.22525	-0.56893	0.61190	291.59888	0.024156	9	52.326
-1.19690	0.56188	1.32222	154.85246	0.052198	10	58.140

HARMONIC ANALYSIS OF LEFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 59.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
163.67796					0	
-15.10080	-17.85088	23.36135	229.77868	1.000000	1	5.814
-1.12455	4.83070	4.95987	103.10464	0.212129	2	11.628
0.69370	2.12367	2.12574	87.47362	0.098916	3	17.442
4.90988	2.50620	5.51252	27.84161	0.235766	4	23.256
0.88428	-3.23582	3.35447	285.28442	0.143468	5	29.070
-0.40606	-0.44895	0.75423	216.52972	0.032258	6	34.884
-1.73205	-0.47686	1.79649	195.39313	0.076834	7	40.698
-1.00015	1.64746	1.92726	121.26147	0.062428	8	46.512
0.24057	0.17404	0.29692	35.88358	0.012699	9	52.326
1.06500	-0.03375	1.06553	358.18481	0.045572	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 59.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
67.98340					0	
-10.90952	1.19934	10.97524	173.72638	1.000000	1	5.814
-4.99824	3.10288	5.63039	146.55783	0.513009	2	11.628
-0.57248	-0.60873	0.83563	226.75780	0.076138	3	17.442
1.11224	4.85506	4.98883	77.09682	0.453824	4	23.256
0.88945	-1.82261	2.01937	295.58269	0.183993	5	29.070
-0.13831	-0.07148	0.15569	287.33072	0.014186	6	34.884
-1.19835	-1.64140	2.02771	234.04553	0.104753	7	40.698
-2.20725	-1.08953	2.46151	286.27162	0.224278	8	46.512
-0.39229	-0.09183	0.40271	193.04477	0.036693	9	52.326
0.62884	0.74574	0.97543	49.86111	0.088888	10	58.140

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
98.49693					C	
-22.33002	-15.08862	26.94987	214.04727	1.000000	1	5.814
-2.34089	3.00453	3.90880	127.92294	0.141329	2	11.628
-0.09909	3.28174	3.28324	91.72954	0.121020	3	17.442
3.99639	2.41257	4.66815	31.11889	0.173216	4	23.256
1.06272	-2.72333	2.92334	291.31714	0.108473	5	29.070
-0.40528	-0.69514	0.80465	739.75677	0.029657	6	34.884
-1.81971	-0.24199	1.83573	187.57480	0.068116	7	40.698
-0.60538	1.52812	1.64367	111.61157	0.060998	8	46.512
0.36471	0.24803	0.44105	34.21834	0.016366	9	52.326
1.13032	-0.36490	1.18776	142.00815	0.044073	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
58.06467					C	
-23.99107	-3.56303	24.25420	188.44751	1.000000	1	5.814
-3.57236	2.04862	4.11808	150.16731	0.169708	2	11.628
-1.63228	2.67187	3.13101	121.42131	0.129092	3	17.442
3.08685	4.51535	5.44965	55.64215	0.225513	4	23.256
0.92878	-2.54948	2.71338	298.01685	0.111873	5	29.070
0.53396	-0.65353	0.84393	309.25000	0.034795	6	34.884
-2.63785	-1.54312	3.05605	218.32724	0.126001	7	40.698
-1.32888	0.35556	1.56111	166.83485	0.064366	8	46.512
-0.60091	0.25988	0.65670	156.61278	0.026993	9	52.326
1.51465	0.29401	1.54292	18.98523	0.063615	10	58.140

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
8.03126					C	
-1.94724	-1.27013	2.32485	213.11528	1.000000	1	5.814
-0.20680	0.24572	0.32116	130.88409	0.138141	2	11.628
-0.00964	0.28644	0.28661	91.92719	0.123279	3	17.442
0.33518	0.20509	0.39295	31.46895	0.169021	4	23.256
0.09152	-0.22911	0.24671	291.77539	0.106119	5	29.070
-0.03342	-0.06067	0.06927	241.75106	0.029796	6	34.884
-0.15547	-0.01935	0.15667	187.09482	0.067388	7	40.698
-0.04938	0.12949	0.13858	110.87631	0.059610	8	46.512
0.03177	0.02153	0.03838	34.12943	0.016509	9	52.326
0.09663	-0.03291	0.10208	341.19165	0.043907	10	58.140

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 530 TEST COND 1 COMP RUN 53.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.89109					C	
-2.11796	-0.33173	2.14378	188.90161	1.000000	1	5.814
-0.29795	0.16878	0.34244	150.46928	0.179734	2	11.628
-0.14523	0.44584	0.28554	120.57671	0.133195	3	17.442
0.27409	0.33285	0.47085	54.40068	0.219636	4	23.256
0.07955	-0.22104	0.23494	289.79126	0.109592	5	29.070
0.04915	-0.05869	0.07656	309.94482	0.035711	6	34.884
-0.23260	-0.13108	0.26499	209.40332	0.123541	7	40.698
-0.12576	0.03819	0.13143	163.10754	0.061308	8	46.512
-0.05228	0.02411	0.05757	155.23669	0.026055	9	52.326
0.13384	0.02257	0.13573	9.57356	0.063311	10	58.140

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL RM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.98319					0	
0.00301	0.33068	0.33072	89.12144	1.000000	1	5.714
0.04281	0.14914	0.15517	73.98413	0.449179	2	11.429
0.09515	-0.00421	0.08525	357.16895	0.257771	3	17.143
0.07724	0.03062	0.08309	21.62590	0.251232	4	22.857
-0.00301	0.03449	0.03443	95.01901	0.104094	5	28.571
0.61159	0.03399	0.03591	71.16038	0.108379	6	34.286
-0.04461	0.05924	0.07530	128.19574	0.227934	7	40.000
0.04166	0.04106	0.05059	44.50475	0.176000	8	45.714
0.04367	0.03164	0.05556	34.71200	0.167992	9	51.429
-0.00635	-0.01117	0.01285	240.36552	0.038858	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL RM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.61641					0	
0.13318	-0.23681	0.27169	299.35352	0.444041	1	5.714
-0.30057	-0.50127	0.50448	239.63217	1.000000	2	11.429
-0.05440	-0.08849	0.16538	237.51458	0.180381	3	17.143
-0.27920	-0.07384	0.20875	194.70020	0.494033	4	22.857
-0.05129	-0.04426	0.06775	220.79344	0.115910	5	28.571
-0.13077	-0.07913	0.15284	211.17004	0.261505	6	34.286
-0.06158	-0.17530	0.10109	250.11914	0.309037	7	40.000
-0.03176	-0.05005	0.06617	241.31448	0.113214	8	45.714
-0.06100	-0.09298	0.10077	245.99626	0.172416	9	51.429
0.00669	-0.05009	0.05053	277.60576	0.086458	10	57.143

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
MODEL RM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.00104					0	
0.03730	1.63799	1.63842	88.69538	1.000000	1	5.714
0.21064	0.74535	0.77455	74.21912	0.472741	2	11.429
0.37751	0.00735	0.37750	1.11475	0.230455	3	17.143
0.36664	0.16775	0.40321	24.50450	0.244095	4	22.857
-0.02541	0.17106	0.17294	90.44462	0.109551	5	28.571
0.05297	0.17377	0.18166	73.05550	0.110976	6	34.286
-0.22260	0.28076	0.35029	126.40044	0.218683	7	40.000
0.19782	0.19434	0.27674	44.60760	0.100905	8	45.714
0.21904	0.14967	0.26529	34.34415	0.161919	9	51.429
-0.02423	-0.04827	0.05401	243.34563	0.032962	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
MODEL RM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.60436					0	
0.59488	-1.10051	1.25004	298.21997	0.450509	1	5.714
-1.41648	-2.34973	2.74976	238.91354	1.000000	2	11.429
-0.24870	-0.40190	0.47262	238.25031	0.172253	3	17.143
-1.32322	-0.33485	1.36499	194.20100	0.497447	4	22.857
-0.24425	-0.20550	0.31920	220.07632	0.116334	5	28.571
-0.62461	-0.36762	0.72476	210.47063	0.464150	6	34.286
-0.20147	-0.60523	0.85636	250.10612	0.513112	7	40.000
-0.14581	-0.27404	0.31218	242.15547	0.113788	8	45.714
-0.10672	-0.42891	0.46779	246.47472	0.170493	9	51.429
0.03646	-0.22880	0.23168	279.05322	0.084440	10	57.143

TEXT NOT REPRODUCIBLE

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL HM-51A SNIP 1002C TEST 400 OSC CTR 563 TEST COND 4 COND RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
13.49271					0	
0.19000	4.23162	4.23430	87.95700	1.000000	1	5.714
0.53010	1.95452	2.02726	74.60495	0.478747	2	11.429
0.78215	0.14214	0.79704	10.50007	0.187734	3	17.143
0.87773	0.30340	1.01194	29.84525	0.238975	4	22.857
-0.11144	0.44718	0.44004	100.99057	0.100034	5	28.571
0.11747	0.47267	0.40040	74.04207	0.119004	6	34.286
-0.53287	0.44994	0.89979	120.81093	0.203043	7	40.000
0.44017	0.46252	0.69012	44.65215	0.155417	8	45.714
0.53434	0.39972	0.64221	53.45630	0.191640	9	51.429
-0.03095	-0.09306	0.09005	251.75375	0.023343	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL HM-51A SNIP 1002C TEST 400 OSC CTR 563 TEST COND 4 COND RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.00000					0	
1.23079	-2.50254	2.07006	293.09044	0.444424	1	5.714
-0.24000	-0.40099	4.42742	234.04000	1.000000	2	11.429
-0.50000	-0.07004	1.00000	259.91643	0.154014	3	17.143
-3.15700	-0.73095	3.24003	193.00444	0.304004	4	22.857
-0.00000	-0.47004	0.79301	210.40037	0.117224	5	28.571
-1.04270	-0.04099	1.79209	209.14404	0.240404	6	34.286
-0.40079	-1.01000	2.00000	290.04434	0.314000	7	40.000
-0.50043	-0.44004	0.75000	243.70522	0.114001	8	45.714
-0.41104	-0.00900	1.07303	247.45155	0.100744	9	51.429
0.10074	-0.50079	0.91093	202.11011	0.000037	10	57.143

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL HM-51A SNIP 1002C TEST 400 OSC CTR 563 TEST COND 4 COND RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
39.21409					0	
0.40174	11.09003	11.11007	80.40012	1.000000	1	5.714
1.37029	5.34223	5.52054	79.94033	0.400024	2	11.429
0.42799	1.42709	1.40900	79.10070	0.134019	3	17.143
1.70304	1.02003	2.61301	47.55003	0.230042	4	22.857
-0.04794	1.22507	1.59400	110.00009	0.125401	5	28.571
0.10303	1.47404	1.40004	89.90134	0.133432	6	34.286
-1.10703	1.30040	1.71200	130.20009	0.154003	7	40.000
0.00001	0.07004	1.29401	40.40019	0.112035	8	45.714
1.13391	0.47402	1.91907	30.70143	0.110099	9	51.429
0.17401	0.00901	0.17047	2.43777	0.019074	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL HM-51A SNIP 1002C TEST 400 OSC CTR 563 TEST COND 4 COND RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
32.34000					0	
0.00000	-4.44002	4.54402	200.95341	0.400107	1	5.714
-0.10000	-0.90194	11.04402	237.15707	1.000000	2	11.429
-0.10007	-0.00004	0.00003	259.99700	0.070040	3	17.143
-0.10000	-0.00019	0.10047	107.50244	0.540224	4	22.857
-1.17000	-0.71007	1.97940	211.10049	0.121236	5	28.571
-3.15000	-1.30000	9.41000	300.72049	0.300114	6	34.286
-1.00000	-0.44019	3.00003	249.40730	0.340003	7	40.000
-0.40007	-1.30419	1.30041	251.70050	0.121040	8	45.714
-0.47303	-1.40047	1.67201	253.95314	0.147434	9	51.429
0.01000	-0.42014	0.75207	300.72729	0.040043	10	57.143

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
51.66059					0	
1.48024	12.43953	12.52729	83.21393	1.000000	1	5.714
1.46551	6.40045	6.57407	77.11916	0.524700	2	11.429
-2.10043	3.30491	3.96300	123.51155	0.316413	3	17.143
1.02645	3.13539	3.29913	71.07282	0.283355	4	22.857
-1.37912	1.44565	1.99797	133.65074	0.190409	5	28.571
-0.07760	1.90696	1.90040	92.23006	0.150732	6	34.286
-0.74160	0.70254	1.02153	136.54903	0.001545	7	40.000
0.42295	0.45778	0.62326	47.26495	0.049752	8	45.714
0.03737	0.33183	0.90072	21.61700	0.071901	9	51.429
0.63301	0.43310	0.76499	36.37944	0.061226	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
11.93380					0	
-2.95012	-1.12696	3.15804	200.90718	0.017712	1	5.714
-2.55246	-2.45659	3.68409	226.14522	1.000000	2	11.429
1.76257	1.36491	2.21348	38.07063	0.000823	3	17.143
-3.28068	0.89766	3.40127	164.69731	0.92. .3	4	22.857
-0.72675	0.03655	0.72757	177.27055	0.197489	5	28.571
-2.14476	-0.01301	2.14480	100.34752	0.582179	6	34.286
-0.70113	-1.70580	1.91851	248.56421	0.520755	7	40.000
0.20949	-0.77932	0.00099	285.04590	0.219046	8	45.714
0.45667	-0.16595	0.48532	340.00464	0.131735	9	51.429
0.67196	0.46136	0.81589	34.47325	0.221247	10	57.143

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
80.54671					0	
4.25040	15.69866	16.26385	76.85039	1.000000	1	5.714
1.62849	8.53643	8.69887	79.19942	0.534337	2	11.429
-4.23397	4.73186	6.34957	131.82158	0.390410	3	17.143
0.04904	4.21822	4.21830	89.33383	0.259379	4	22.857
-2.21996	1.72168	2.80934	142.20400	0.172735	5	28.571
-0.61154	2.13240	2.21836	100.00210	0.136398	6	34.286
-0.74488	0.21859	0.77629	163.64503	0.047731	7	40.000
0.41408	0.08572	0.42286	11.64631	0.026000	8	45.714
0.92905	0.20082	0.95050	12.19728	0.050443	9	51.429
1.18368	0.83608	1.44918	35.23520	0.009104	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.55459					0	
-3.07423	1.02924	5.17756	168.53386	1.000000	1	5.714
-0.68064	0.91416	1.13973	126.67056	0.220129	2	11.429
2.94489	2.57748	3.91354	41.19373	0.755065	3	17.143
-1.00066	1.91542	2.62892	133.23125	0.907753	4	22.857
-0.62699	0.14160	0.64278	167.27367	0.126147	5	28.571
-1.57583	0.75410	1.74428	154.41328	0.337279	6	34.286
0.00397	-0.63877	0.63880	270.53516	0.123378	7	40.000
0.70667	-0.73645	1.02046	313.81787	0.197131	8	45.714
0.95672	0.57817	1.11785	31.14555	0.215903	9	51.429
0.81939	1.27919	1.51912	57.35811	0.293405	10	57.143

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL XH-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
91.08762					0	
7.33502	13.92839	15.74175	62.22760	1.000000	1	5.714
1.10141	7.79224	7.86972	81.95467	0.499927	2	11.429
-3.47281	3.45567	4.89919	135.14177	0.311222	3	17.143
-1.01551	3.19032	3.34805	107.05683	0.212686	4	22.857
-2.12504	1.30800	2.49533	148.38712	0.158517	5	28.571
-1.07382	0.95929	1.43990	138.22420	0.091470	6	34.286
-0.80224	-0.11507	0.81045	188.16280	0.051484	7	40.000
0.64430	-0.17980	0.66892	344.40747	0.042493	8	45.714
1.02031	0.23808	1.04771	13.13435	0.066556	9	51.429
1.22614	0.80392	1.46619	33.25087	0.093140	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL XH-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.48583					0	
-2.83722	1.34506	3.14852	154.38653	1.000000	1	5.714
-0.63864	0.07991	0.44362	172.86795	0.204420	2	11.429
2.01082	1.43410	2.46983	35.49617	0.784439	3	17.143
-1.28555	1.73578	1.72641	134.29056	0.548325	4	22.857
-0.71454	-0.49640	0.87005	214.78836	0.276335	5	28.571
-0.86614	0.47693	0.98877	151.16087	0.314941	6	34.286
0.62991	-0.11043	0.63951	350.05640	0.203115	7	40.000
0.68221	-0.87793	1.00462	304.44800	0.338132	8	45.714
0.54633	0.25283	0.60199	24.83347	0.191199	9	51.429
0.46349	1.12097	1.21309	67.52728	0.385287	10	57.143

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL XH-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
77.84840					0	
7.69494	9.84195	12.49304	51.97986	1.000000	1	5.714
0.99687	5.38174	5.48442	84.72504	0.432611	2	11.429
-1.98439	1.87529	2.67272	135.44182	0.213936	3	17.143
-1.13400	1.80738	2.13420	122.12766	0.170051	4	22.857
-1.50745	0.82814	1.71995	151.21724	0.137675	5	28.571
-0.94643	0.13912	0.95459	171.63791	0.076570	6	34.286
-0.63615	-0.11773	0.64495	190.48518	0.051785	7	40.000
0.53435	-0.18901	0.56680	340.52002	0.045369	8	45.714
0.84852	0.24391	0.87510	16.18211	0.078854	9	51.429
0.87719	0.56790	1.04497	32.91948	0.083644	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL XH-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.46841					0	
-0.63861	1.21954	1.57284	117.33575	1.000000	1	5.714
-0.70340	-0.89397	1.19548	228.48343	0.878749	2	11.429
0.97867	0.34583	1.03797	19.46182	0.756076	3	17.143
-0.82878	0.48750	0.98855	150.18733	0.714248	4	22.857
-0.73786	-0.72511	1.03395	224.53185	0.753144	5	28.571
-0.88988	0.05289	0.99371	171.39810	0.286784	6	34.286
0.65282	0.04716	0.65586	5.52601	0.477741	7	40.000
0.22270	-0.73868	0.76684	287.66479	0.558578	8	45.714
0.18848	-0.04551	0.19195	344.28467	0.139820	9	51.429
0.13223	0.64554	0.65983	78.39450	0.488848	10	57.143

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL HM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
89.84883					0	
10.82989	10.26371	14.35157	45.66795	1.000000	1	5.714
0.67337	4.70817	4.70877	89.88287	0.328101	2	11.429
-1.15447	1.78256	2.05718	124.14510	0.143941	3	17.143
-0.93791	1.47110	1.74465	122.92009	0.121565	4	22.857
-1.48105	0.92834	1.68870	146.47154	0.117109	5	28.571
-0.77400	0.84610	0.77627	176.58969	0.094090	6	34.286
-0.58392	0.89726	0.59104	170.54349	0.041247	7	40.000
0.17629	-0.83864	0.17804	350.13452	0.012468	8	45.714
0.86119	0.27417	0.90378	17.85924	0.062974	9	51.429
0.72620	0.54958	0.91072	37.11795	0.063450	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL HM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.97436					0	
0.84655	2.84222	2.84329	88.15150	1.000000	1	5.714
-1.05265	-1.13291	1.54447	227.18304	0.749515	2	11.429
1.07655	0.16826	1.08841	8.44733	0.527511	3	17.143
-0.74301	0.41843	0.84884	151.88420	0.411398	4	22.857
-1.17944	-0.65989	1.35110	209.19704	0.694885	5	28.571
-0.27264	-0.19392	0.33573	215.78148	0.162716	6	34.286
0.44562	0.23454	0.52137	26.73642	0.252606	7	40.000
-0.24949	-0.54986	0.60300	245.56580	0.292292	8	45.714
0.30983	-0.82172	0.31899	355.99872	0.150532	9	51.429
-0.03974	0.43838	0.44817	95.17993	0.213336	10	57.143

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
 MODEL HM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
218.27945					0	
26.98117	22.19212	34.93527	39.43742	1.000000	1	5.714
-1.14903	6.62136	6.72832	99.84479	0.192365	2	11.429
0.14499	3.72946	3.73228	87.77354	0.186034	3	17.143
0.01962	2.39858	2.39858	89.52962	0.040429	4	22.857
-2.35328	2.55982	3.47562	132.64635	0.899430	5	28.571
-0.18184	0.74450	0.74833	103.69139	0.821993	6	34.286
-0.60991	1.42591	1.53887	113.15819	0.844393	7	40.000
-1.51276	0.73530	1.68199	154.87724	0.848146	8	45.714
1.47615	0.62614	1.60345	22.98529	0.845840	9	51.429
0.67686	1.05751	1.25558	57.37866	0.835948	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
 MODEL HM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
12.94855					0	
1.03853	8.07294	8.13947	82.66948	1.000000	1	5.714
-2.37523	-1.24489	2.48262	207.49746	0.329581	2	11.429
3.34695	0.68839	3.41642	11.62374	0.419760	3	17.143
-1.00761	1.26482	3.61868	128.49815	0.198848	4	22.857
-3.92717	-0.39464	3.94895	185.73839	0.484914	5	28.571
-0.44169	-1.11935	1.20334	248.46688	0.147840	6	34.286
-0.46660	1.06169	1.19970	113.72520	0.142479	7	40.000
-2.38399	-0.83430	2.38424	188.82417	0.292923	8	45.714
1.53877	0.64957	1.67825	22.88635	0.205204	9	51.429
-0.45221	0.19375	0.49197	156.80725	0.060643	10	57.143

TEXT NOT REPRODUCIBLE

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL HM-51A SHIP 1002C TEST 400 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
176.42394					0	
29.90104	14.90191	20.23443	31.45411	1.000000	1	5.714
-0.44790	3.04253	3.07829	90.74204	0.109023	2	11.429
1.05403	2.25720	2.49242	64.91154	0.080275	3	17.143
1.00092	1.01094	2.11335	90.27046	0.074920	4	22.857
-1.93121	1.92745	2.46164	120.44443	0.087105	5	28.571
0.93370	0.67311	1.11044	35.29420	0.041304	6	34.286
0.20414	1.70075	1.79244	65.30070	0.043401	7	40.000
-1.50095	0.43444	1.63007	157.47070	0.057744	8	45.714
0.54001	0.51105	0.74427	43.42906	0.026360	9	51.429
-0.11200	0.70041	0.71240	99.00000	0.025234	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL HM-51A SHIP 1002C TEST 400 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.44321					0	
3.20099	0.32433	10.07823	70.94000	1.000000	1	5.714
-0.79007	-1.11094	1.57160	234.37000	0.134135	2	11.429
1.52044	-0.50029	1.57150	347.30110	0.157466	3	17.143
-1.20004	1.00044	1.60001	142.50751	0.109714	4	22.857
-2.40009	-0.40005	2.39072	191.00700	0.251670	5	28.571
-0.50000	-1.40002	1.79027	231.34230	0.172529	6	34.286
-1.40004	0.71427	1.60702	155.40063	0.190902	7	40.000
-1.00000	0.40004	2.03792	107.04500	0.202270	8	45.714
0.00007	0.01073	1.21905	42.15702	0.121074	9	51.429
-0.10000	-0.10124	0.25449	219.31514	0.023259	10	57.143

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL HM-51A SHIP 1002C TEST 400 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
222.77070					0	
29.20035	11.54044	31.40030	21.99017	1.000000	1	5.714
1.44253	0.55094	4.77070	72.10200	0.151005	2	11.429
0.55745	1.41310	1.51000	60.47122	0.040244	3	17.143
1.20749	2.05002	3.21947	64.42757	0.102250	4	22.857
-2.09444	1.40040	2.60004	141.12040	0.094441	5	28.571
1.03047	0.22075	1.03100	6.09477	0.030009	6	34.286
1.20009	2.41571	2.49732	43.37075	0.083473	7	40.000
-0.40000	-0.24419	0.50000	204.30410	0.017342	8	45.714
-0.17094	1.07201	1.00000	99.03271	0.034000	9	51.429
-0.20126	0.00092	0.00755	100.33764	0.030411	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL HM-51A SHIP 1002C TEST 400 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-11.24070					0	
7.73004	12.20057	14.32155	37.74471	1.000000	1	5.714
1.01000	-2.03130	2.20067	290.44409	0.154220	2	11.429
-1.25007	-2.30543	2.04527	241.01305	0.102023	3	17.143
-2.00304	0.60900	2.92310	100.15249	0.201294	4	22.857
-0.04100	-2.35000	2.53910	240.22473	0.174054	5	28.571
-0.07070	-2.50040	2.73457	249.03200	0.100311	6	34.286
-1.03002	0.30002	1.00004	109.40021	0.155527	7	40.000
-0.07004	-0.17114	0.90012	190.00069	0.067030	8	45.714
-0.44001	1.07001	1.10010	112.50000	0.000302	9	51.429
0.20031	-0.07310	0.39220	349.24414	0.027003	10	57.143

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
179.75476					0	
11.95249	-0.06734	11.98392	355.04937	1.000000	1	5.714
0.77899	7.40184	7.44165	84.14906	0.637650	2	11.429
0.26272	1.04971	1.00298	73.94047	0.090295	3	17.143
1.33129	2.12045	2.50309	97.00033	0.200938	4	22.857
-1.56567	0.90825	1.05041	147.79222	0.194400	5	28.571
1.51200	0.39914	1.56300	14.70673	0.130490	6	34.286
1.86756	2.10522	2.02791	48.12034	0.239942	7	40.000
-0.19353	-1.13431	1.15070	260.31707	0.096030	8	45.714
-0.31004	2.20770	2.22937	97.99449	0.104090	9	51.429
0.39822	0.99226	1.00919	64.13201	0.009210	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
29.64321					0	
2.51820	-1.29109	2.03032	332.04100	0.095011	1	5.714
0.95543	2.49693	2.72020	82.40007	0.060902	2	11.429
-0.37548	-0.14040	0.35447	203.93209	0.112191	3	17.143
0.09394	-0.07274	0.11801	322.24070	0.037003	4	22.857
-2.00170	-2.37676	3.15990	220.70021	1.000000	5	28.571
0.15007	0.07148	0.17421	24.22467	0.005139	6	34.286
0.29990	0.03450	0.00406	70.22940	0.200095	7	40.000
-1.15001	-1.00960	2.04435	235.74179	0.047040	8	45.714
-0.30954	1.35061	1.30342	102.83499	0.441024	9	51.429
0.13094	-0.23679	0.27454	300.40001	0.006593	10	57.143

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
213.00476					0	
-0.70520	-16.12204	16.14114	267.21167	1.000000	1	5.714
-3.08262	11.10475	11.03949	109.14374	0.733497	2	11.429
2.94527	4.07240	5.02447	54.14302	0.311294	3	17.143
0.39375	1.14401	1.20908	71.00751	0.074954	4	22.857
-1.14009	3.14287	3.34600	110.06734	0.207296	5	28.571
1.09473	-1.34181	2.52113	322.29705	0.156193	6	34.286
1.50159	2.90053	3.31054	61.44202	0.209101	7	40.000
0.04963	-1.30644	1.30753	272.04900	0.009962	8	45.714
-1.13190	3.39165	3.57554	100.45550	0.221917	9	51.429
1.34410	2.17303	2.55404	50.23293	0.150406	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
07.12379					0	
-0.36876	-11.61343	13.24511	241.25914	1.000000	1	5.714
-0.60014	7.07760	9.60166	133.02641	0.730001	2	11.429
2.20657	3.75312	4.39400	50.64032	0.331006	3	17.143
-1.20000	-1.50236	1.90597	232.02295	0.140940	4	22.857
-1.61465	-6.30170	1.65934	193.30140	0.125201	5	28.571
0.52094	-2.00112	2.05062	200.60360	0.215221	6	34.286
0.05004	3.26272	3.26312	89.10710	0.246364	7	40.000
0.05217	-2.04997	2.05063	271.45776	0.154622	8	45.714
-1.55072	3.45913	3.79002	114.14661	0.206105	9	51.429
1.24366	1.63700	2.05591	52.77670	0.155220	10	57.143

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
113.17415					0	
-4.33330	-13.04888	13.74957	231.62955	1.000000	1	5.714
-3.78656	6.16810	7.23765	121.54561	0.326390	2	11.429
2.58637	3.22725	4.13575	51.29076	0.300791	3	17.143
-0.31517	0.74694	0.34774	155.00356	0.025291	4	22.857
-0.36377	2.47532	2.50191	98.34035	0.181962	5	28.571
1.15731	-1.67678	2.03739	306.61328	0.148178	6	34.286
0.44471	1.68469	1.74761	74.57877	0.127103	7	40.000
0.14838	-0.64025	0.66202	284.73462	0.048149	8	45.714
-0.90711	1.89528	2.10117	115.57663	0.152817	9	51.429
0.94453	1.50390	1.77591	57.66879	0.129161	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
59.59244					0	
-8.25930	-8.28648	10.32110	232.46624	1.000000	1	5.714
-6.10085	4.50986	7.58677	143.52753	0.735074	2	11.429
2.00439	3.15135	3.73478	57.54193	0.341859	3	17.143
-1.61799	-1.34497	2.10016	219.82248	0.203482	4	22.857
-0.19903	0.75420	0.78002	104.76319	0.075575	5	28.571
0.23987	-3.08400	3.01356	274.56543	0.291961	6	34.286
-0.41157	2.50739	2.54094	99.32155	0.246189	7	40.000
0.71816	-0.87748	1.13390	309.29785	0.109062	8	45.714
-1.34062	2.47935	2.83202	118.89905	0.274391	9	51.429
1.14200	1.66058	2.01536	55.48335	0.195266	10	57.143

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
9.05872					0	
-0.39277	-1.09603	1.14428	250.28465	1.000000	1	5.714
-0.32239	0.49702	0.59242	122.96919	0.508833	2	11.429
0.21836	0.27016	0.34738	51.05226	0.298361	3	17.143
-0.03096	0.00656	0.03165	168.04048	0.027182	4	22.857
-0.02675	0.20702	0.20869	97.25348	0.179241	5	28.571
0.09219	-0.14363	0.17149	303.11621	0.147293	6	34.286
0.03319	0.13642	0.14040	76.32800	0.120591	7	40.000
0.01501	-0.05033	0.05252	286.61011	0.049109	8	45.714
-0.07599	0.15301	0.17084	116.41188	0.146734	9	51.429
0.07829	0.12429	0.14684	57.79454	0.126168	10	57.143

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 563 TEST COND 4 COMP RUN 37.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.92441					0	
-0.53389	-0.68190	0.86604	231.94112	1.000000	1	5.714
-0.51725	0.37028	0.63612	144.40264	0.734521	2	11.429
0.16951	0.26555	0.31504	57.44918	0.363773	3	17.143
-0.13933	-0.11335	0.17962	219.13662	0.207399	4	22.857
-0.00904	0.07097	0.07154	97.25788	0.082685	5	28.571
0.01897	-0.25476	0.25744	74.22485	0.297278	6	34.286
-0.03739	0.20942	0.21274	180.12396	0.245641	7	40.000
0.06497	-0.06819	0.09418	313.61475	0.108751	8	45.714
-0.11549	0.20567	0.23588	119.31503	0.272362	9	51.429
0.09667	0.14163	0.17148	55.68497	0.198083	10	57.143

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.43474					0	
0.03745	0.31927	0.32144	83.30945	1.000000	1	5.048
0.23809	0.03565	0.24075	8.51639	0.748917	2	11.696
-0.02422	0.02324	0.03354	136.18881	0.104409	3	17.544
0.02991	-0.01241	0.03238	337.47343	0.100741	4	23.392
0.02644	-0.00328	0.02674	359.41743	0.003237	5	29.240
0.02443	0.01193	0.02734	25.04453	0.003122	6	35.088
0.03034	0.03597	0.04187	35.55121	0.192464	7	40.936
-0.01009	0.00274	0.01830	171.33383	0.096923	8	46.784
-0.00322	-0.04232	0.04244	265.65405	0.132823	9	52.632
0.03288	0.01447	0.03527	24.57510	0.109727	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-4.72949					0	
0.10979	0.10057	0.21065	29.77174	1.000000	1	5.048
0.15531	-0.04057	0.16273	342.63306	0.744247	2	11.696
-0.15124	-0.10908	0.10649	215.79527	0.052924	3	17.544
-0.02890	-0.11252	0.11617	255.59200	0.531316	4	23.392
-0.00984	0.04453	0.04541	182.45840	0.278382	5	29.240
-0.02183	0.00031	0.02334	159.14944	0.104029	6	35.088
-0.10009	-0.01126	0.10048	185.96509	0.497057	7	40.936
-0.04255	0.03395	0.05451	141.48125	0.249316	8	46.784
-0.01110	-0.03787	0.03949	233.54485	0.100590	9	52.632
-0.03423	0.07802	0.06603	114.90058	0.393449	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 34
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.04113					0	
0.17377	1.50429	1.59379	81.74072	1.000000	1	5.048
1.18149	0.10040	1.19541	8.68962	0.750043	2	11.696
-0.11810	0.11047	0.14742	134.86136	0.105044	3	17.544
0.15827	-0.09051	0.16073	339.71214	0.105870	4	23.392
0.12906	-0.01164	0.13038	354.87915	0.001006	5	29.240
0.12427	0.04001	0.13509	20.01821	0.004750	6	35.088
0.22536	0.16283	0.27803	35.04897	0.174444	7	40.936
-0.00916	0.00005	0.00932	174.04262	0.054170	8	46.784
-0.01217	-0.19218	0.19236	244.37495	0.120021	9	52.632
0.15224	0.07357	0.16911	25.78995	0.106103	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 34
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-22.39365					0	
0.07309	0.41119	0.96507	25.21854	1.000000	1	5.048
0.76362	-0.20229	0.79189	345.19946	0.820552	2	11.696
-0.72449	-0.51821	0.80628	215.14097	0.018356	3	17.544
-0.14612	-0.52107	0.54117	254.33554	0.568754	4	23.392
-0.04278	0.21747	0.22635	104.10315	0.234358	5	29.240
-0.00449	0.02309	0.00759	164.71252	0.090755	6	35.088
-0.50515	-0.05620	0.50627	186.54021	0.526444	7	40.936
-0.20296	0.15788	0.25714	142.12112	0.264444	8	46.784
-0.04068	-0.17844	0.17726	254.06023	0.103672	9	52.632
-0.16435	0.14978	0.40548	114.22047	0.420152	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING COMPONENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.90479					0	
0.39758	4.10525	4.12445	84.46834	1.000000	1	5.848
3.06322	0.48406	3.10123	8.97980	0.751914	2	11.696
-0.29695	0.32229	0.43823	132.65628	0.106252	3	17.544
0.45300	-0.13824	0.47362	343.03003	0.114833	4	23.392
0.32594	-0.03159	0.32746	354.46436	0.079396	5	29.240
0.34494	0.07571	0.35315	12.37954	0.085624	6	35.088
0.47756	0.35365	0.59425	36.52167	0.144079	7	40.936
-0.22842	-0.00369	0.22845	180.92459	0.055389	8	46.784
-0.01502	-0.42034	0.42063	267.95312	0.101985	9	52.632
0.36443	0.19407	0.41288	28.03719	0.100106	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-33.34464					0	
1.94321	0.50923	2.02817	14.54133	0.953675	1	5.848
1.96199	-0.35507	1.99394	349.74170	0.937536	2	11.696
-1.76491	-7.18658	2.12670	213.91364	1.000000	3	17.544
-0.39036	-1.18770	1.25020	251.80588	0.587859	4	23.392
-0.22356	0.54830	0.59213	112.18198	0.278424	5	29.240
-0.11506	-0.01931	0.11667	189.52719	0.094861	6	35.088
-1.17290	-0.14711	1.18209	187.14883	0.555833	7	40.936
-0.48815	0.36299	0.60832	143.36572	0.286038	8	46.784
-0.09442	-0.36558	0.37808	255.22475	0.177779	9	52.632
-0.37251	0.88244	0.95784	112.88631	0.450388	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
44.09306					0	
0.53054	10.94140	10.95425	87.22391	1.000000	1	5.848
7.98695	1.40947	8.11856	10.09806	0.740384	2	11.696
-0.78198	1.02185	1.28673	127.42540	0.117444	3	17.544
1.51837	-0.22287	1.53464	351.64966	0.140095	4	23.392
0.79134	-0.04402	0.79256	356.81592	0.072352	5	29.240
1.86882	-0.21351	1.88994	348.70312	0.099499	6	35.088
0.33947	0.35152	0.48868	45.99957	0.044611	7	40.936
-0.60315	-0.19681	0.63445	198.07202	0.057918	8	46.784
0.11633	-0.44756	0.46243	284.56982	0.042215	9	52.632
0.71617	0.53886	0.89625	36.95840	0.081818	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-103.64984					0	
2.63141	-3.78920	4.61328	304.77783	0.899909	1	5.848
5.10781	0.44528	5.12639	4.98300	1.000000	2	11.696
-3.62399	-1.98569	4.13234	208.71960	0.806092	3	17.544
-1.18474	-1.83758	2.16639	237.18900	0.424498	4	23.392
-1.13875	1.40454	1.85516	127.86670	0.361885	5	29.240
0.61180	-0.77234	0.98530	308.38428	0.192201	6	35.088
-2.01575	-0.43480	2.06194	192.15039	0.402222	7	40.936
-1.88118	0.61480	1.17488	148.44713	0.229183	8	46.784
0.03367	-0.32328	0.32502	275.94678	0.063402	9	52.632
-0.50067	1.72529	1.79647	106.18253	0.350435	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
45.37683					0	
-0.13133	12.45093	12.45123	90.60437	1.000000	1	5.040
0.06744	1.01965	9.24824	11.34733	0.742757	2	11.696
-0.77921	1.37162	1.57750	119.60075	0.126695	3	17.544
2.30297	0.06491	2.30388	350.30350	0.105032	4	23.392
0.75066	-0.04963	0.74894	359.50937	0.061114	5	29.240
1.45015	-0.00016	1.71783	320.00472	0.137908	6	35.088
-1.07223	-0.53437	1.19001	206.00042	0.096216	7	40.936
-0.05363	-0.55491	0.05741	220.22005	0.060061	8	46.784
0.36092	0.55298	0.66094	56.00876	0.053034	9	52.632
0.40377	0.65053	0.77246	50.40624	0.042030	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-34.24481					0	
-1.10223	-11.90007	12.03644	204.70561	1.000000	1	5.040
5.52374	2.00542	6.19535	20.02517	0.914707	2	11.696
-2.55092	-0.40592	2.90092	100.00170	0.215253	3	17.544
-1.91085	0.11725	1.52137	175.57997	0.126395	4	23.392
-2.13197	1.40446	2.50706	145.15102	0.215029	5	29.240
2.12103	-1.06064	2.09504	317.13379	0.240419	6	35.088
-0.44459	-0.51954	0.60500	229.44542	0.094010	7	40.936
-0.62730	0.07755	0.63215	172.00516	0.032510	8	46.784
0.45143	0.67172	0.00932	56.00710	0.007290	9	52.632
0.22060	0.93229	0.99990	76.22202	0.079740	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
60.05707					0	
0.50002	15.13086	15.14922	87.00141	1.000000	1	5.040
13.15063	2.49036	13.30435	10.72322	0.003501	2	11.696
-0.17095	1.27972	1.29169	97.00001	0.005225	3	17.544
3.05095	-0.24344	3.05004	356.30257	0.254709	4	23.392
0.72770	-0.74042	1.04393	314.10091	0.040010	5	29.240
1.70109	-1.34716	2.23366	322.90049	0.147444	6	35.088
-1.63093	-0.00194	1.07072	200.02497	0.125006	7	40.936
-0.41667	-1.14796	1.22124	230.05074	0.000014	8	46.784
0.29634	0.92800	0.97470	72.17706	0.004345	9	52.632
0.20372	1.02475	1.04400	70.75623	0.060960	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-13.90961					0	
-2.67423	-12.33900	12.62546	257.77124	1.000000	1	5.040
5.41093	5.19500	7.50091	43.70101	0.994505	2	11.696
-4.27006	-0.10532	4.27000	102.00506	0.330520	3	17.544
-1.10057	2.23144	2.52024	110.00205	0.200256	4	23.392
-2.75477	-0.23531	2.76400	100.00257	0.210906	5	29.240
2.00090	-2.12173	3.42509	321.70410	0.271173	6	35.088
1.00946	-0.06002	1.10109	350.07500	0.007212	7	40.936
-0.11953	-0.71900	0.72004	260.56120	0.057730	8	46.784
0.16545	1.14121	1.15316	81.74091	0.091332	9	52.632
0.00702	0.47593	0.04466	34.29495	0.004901	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
 MODEL KH-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
63.05029					0	
2.44471	12.00144	12.25193	78.39441	0.831574	1	5.848
16.55197	2.30499	14.73339	9.00071	1.000000	2	11.696
1.29620	0.10311	1.30030	4.54818	0.000255	3	17.544
4.34029	-0.80679	4.41444	349.44973	0.299835	4	23.392
0.33278	-1.82418	1.85428	280.33862	0.125854	5	29.240
1.29064	-0.40515	1.57442	324.95752	0.104994	6	35.088
-0.47100	-0.30430	0.56075	212.86537	0.079046	7	40.936
0.21064	-1.42121	1.43674	278.43042	0.097516	8	46.784
-0.21064	0.22728	0.30947	132.74272	0.021005	9	52.632
0.10347	1.09252	1.79741	84.58948	0.074485	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
 MODEL KH-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.55222					0	
-0.43775	1.44727	1.51203	104.82890	0.220409	1	5.848
2.44474	5.03422	5.50408	63.89537	0.817201	2	11.696
-6.75266	-1.20937	6.86810	190.15372	1.900000	3	17.544
0.29497	3.13931	3.15314	84.63216	0.459634	4	23.392
-1.50422	-3.54092	3.67916	245.89621	0.565444	5	29.240
1.01792	-0.24968	1.04810	344.21277	0.192781	6	35.088
1.92850	0.85964	2.11142	27.02512	0.307782	7	40.936
0.47999	-1.42259	1.51656	289.45142	0.221049	8	46.784
-0.90318	0.57056	1.06827	147.72132	0.155723	9	52.632
0.56334	0.13989	0.58047	13.94472	0.084415	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
 MODEL KH-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
52.37823					0	
3.02428	7.16164	7.77403	67.10424	0.431028	1	5.848
12.20479	1.47833	12.31944	7.82964	1.000000	2	11.696
2.05027	-0.44250	2.15613	342.67993	0.175178	3	17.544
3.46756	-1.15353	3.65439	341.59961	0.296632	4	23.392
-0.02936	-2.04647	2.04646	249.17798	0.166131	5	29.240
0.82293	-0.47331	0.94785	330.25144	0.076938	6	35.088
0.40300	0.08544	0.41197	11.97328	0.039440	7	40.936
0.36315	-1.19225	1.24633	284.94019	0.101164	8	46.784
-0.42234	-0.17643	0.45771	202.67165	0.037153	9	52.632
0.12208	0.73807	0.74810	80.50764	0.086724	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
 MODEL KH-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
25.12154					0	
1.27518	9.10861	9.19744	82.03050	1.000000	1	5.848
0.43804	3.52791	3.55752	82.48249	0.386794	2	11.696
-4.22498	-1.28545	4.35831	191.64545	0.601313	3	17.544
0.94311	2.46018	2.62476	89.32560	0.286467	4	23.392
-0.34964	-4.40328	4.41714	263.45996	0.446257	5	29.240
-0.14627	0.77615	0.78981	100.67294	0.095873	6	35.088
1.73858	0.94450	1.98915	29.07059	0.216272	7	40.936
0.56995	-1.50624	1.61044	298.72432	0.175099	8	46.784
-1.23831	0.20352	1.25493	170.66472	0.136443	9	52.632
0.36402	-0.15101	0.39788	337.69043	0.043251	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
60.76030					0	
4.36395	6.24879	7.62177	55.07083	0.551615	1	5.848
13.71459	1.68072	13.81719	6.98675	1.000000	2	11.696
3.18641	-1.14066	3.38442	340.30371	0.244943	3	17.544
3.38920	-1.95090	3.91059	330.07422	0.283024	4	23.392
-0.37730	-2.63140	2.65832	261.83838	0.192392	5	29.240
1.19977	-0.49572	1.29814	337.55054	0.093951	6	35.088
0.81944	-0.05231	0.82111	356.34741	0.059426	7	40.936
-0.00867	-1.32504	1.32506	269.71143	0.095899	8	46.784
-0.43338	0.09482	0.44363	167.65796	0.032107	9	52.632
0.43385	0.30608	0.53096	35.20320	0.038427	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
28.33304					0	
2.66194	13.63856	13.89591	70.95593	1.000000	1	5.848
-0.13202	3.11454	3.11734	92.42726	0.224335	2	11.696
-5.82770	-0.44710	5.84482	184.38710	0.420615	3	17.544
1.22842	1.81504	1.9166	55.90985	0.157720	4	23.392
0.36525	-5.42193	5.43421	273.85400	0.391065	5	29.240
-0.39430	0.98737	1.06318	111.76894	0.076511	6	35.088
1.88782	0.55832	1.96865	16.47545	0.141671	7	40.936
0.43829	-2.16388	2.20762	281.45117	0.158868	8	46.784
-1.46611	0.76520	1.65379	152.43880	0.119013	9	52.632
0.63382	-0.75690	0.98723	309.94238	0.071045	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
150.24147					0	
11.16046	8.60623	14.09337	37.63708	0.443831	1	5.848
31.55725	3.52836	31.75388	6.37963	1.000000	2	11.696
10.26410	-3.42587	10.32074	341.54224	0.340769	3	17.544
5.63548	-6.95458	8.95124	309.01855	0.281895	4	23.392
-1.18529	-6.53261	6.82761	253.09569	0.215017	5	29.240
4.21409	-1.67621	4.53522	336.30908	0.142824	6	35.088
2.22391	-1.21207	2.53276	331.68859	0.079762	7	40.936
-2.05762	-2.63878	3.34618	232.09421	0.105379	8	46.784
-0.45033	1.88457	1.93763	103.43916	0.061020	9	52.632
2.04709	-1.38161	2.46970	325.98389	0.077776	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
50.03943					0	
8.02028	31.29547	32.30682	75.62575	1.000000	1	5.848
0.43868	4.71548	4.73584	84.68498	0.146589	2	11.696
-6.43056	3.92833	7.53551	148.57988	0.233248	3	17.544
1.79087	-0.15048	1.79718	355.19678	0.055629	4	23.392
3.11671	-11.04418	11.47551	285.75928	0.355204	5	29.240
-0.07622	0.74655	0.77033	95.67859	0.023844	6	35.088
3.43099	-1.56926	3.77283	335.42163	0.116781	7	40.936
-0.24729	-5.90715	5.91232	267.60254	0.183005	8	46.784
-2.50359	4.12372	4.82421	121.26279	0.149325	9	52.632
2.41774	-3.89758	4.58657	301.81201	0.141969	10	58.480

TEXT NOT REPRODUCIBLE

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL HM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
119.51005					0	
3.12915	-3.94945	5.03082	308.38465	0.196454	1	5.048
25.40019	3.56259	25.64000	7.98412	1.000000	2	11.696
9.26002	-3.60461	9.96691	338.30371	0.388591	3	17.544
3.00973	-6.77304	7.44449	296.52148	0.290247	4	23.392
-1.26846	-3.98814	4.18489	252.39513	0.163130	5	29.240
2.55082	-2.34964	3.46763	317.34424	0.135196	6	35.088
1.82268	-0.35803	1.85767	348.86279	0.072427	7	40.936
-1.42782	-0.73000	1.60220	207.13718	0.062467	8	46.784
-0.50020	0.19792	0.61303	161.16417	0.023901	9	52.632
0.04212	-1.27107	1.52539	303.90903	0.050472	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL HM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
41.00004					0	
3.60439	17.22183	17.61153	77.92430	1.000000	1	5.048
4.62926	4.30699	6.32299	42.93457	0.999023	2	11.696
-2.62074	3.96974	4.74565	123.66579	0.269463	3	17.544
-0.92004	-1.09990	2.15046	244.43353	0.122109	4	23.392
9.57004	-2.29962	6.47080	329.42627	0.367804	5	29.240
-0.23670	-2.56262	2.27976	264.07037	0.129220	6	35.088
0.90004	-1.40000	1.36000	290.12256	0.080034	7	40.936
-0.21794	-1.22162	1.24000	299.91167	0.070054	8	46.784
0.10001	0.39150	0.42007	63.12400	0.024023	9	52.632
0.70704	-2.03004	3.01520	203.57764	0.171204	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL HM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
141.37022					0	
-9.50400	-22.20039	24.10043	246.69046	0.771627	1	5.048
10.79707	9.04346	31.34732	10.74837	1.000000	2	11.696
13.29911	-9.44272	14.36075	397.74292	0.450404	3	17.544
3.44694	-8.90405	9.90094	291.27246	0.304041	4	23.392
-0.32730	-2.91819	3.00494	238.37131	0.097670	5	29.240
0.00379	-3.99768	3.99703	270.40437	0.127933	6	35.088
2.91306	1.01200	3.16000	36.97734	0.100040	7	40.936
0.09793	1.63021	1.00796	61.20290	0.059009	8	46.784
-1.68177	-3.71040	4.00112	245.60406	0.110100	9	52.632
-1.50440	-0.16867	1.57912	105.95529	0.050104	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL HM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
40.61607					0	
-2.61200	6.90040	7.52046	111.94000	0.498872	1	5.048
12.60009	0.22304	10.07137	33.02577	1.000000	2	11.696
-0.33701	1.01614	3.40000	168.06715	0.231103	3	17.544
-0.10009	-2.20004	3.57494	203.09444	0.369013	4	23.392
10.13036	4.00067	11.13044	24.10043	0.737815	5	29.240
-0.30000	-3.00000	3.00001	244.31070	0.335043	6	35.088
-0.30000	0.10000	2.57107	177.60490	0.170367	7	40.936
0.30000	3.61706	3.42968	86.10614	0.359782	8	46.784
0.01071	-1.42704	7.09900	200.12690	0.470467	9	52.632
-0.01022	-1.40004	2.46137	214.91931	0.163090	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 902 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
107.03493					0	
-9.73069	-16.39606	19.06610	239.31177	1.000000	1	5.040
15.25330	2.34079	15.43187	8.72461	0.009388	2	11.696
17.53357	-1.88344	17.63443	353.86865	0.924910	3	17.344
2.89366	-7.44091	7.98376	291.25024	0.418741	4	23.392
-4.52024	-4.75769	6.56264	226.46602	0.344204	5	29.240
0.40790	-1.07373	1.14859	290.80127	0.860243	6	35.000
2.76206	0.85290	2.89075	17.16816	0.151617	7	40.936
0.83726	1.78229	1.96915	64.83749	0.103288	8	46.784
-0.88702	-0.63054	0.93251	222.54543	0.848909	9	52.632
-0.76465	-1.35965	1.55991	240.64720	0.881816	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 902 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
19.73170					0	
-3.23617	0.02693	3.34015	165.66600	0.495164	1	5.040
6.18649	2.86585	6.74554	25.14128	1.000000	2	11.696
5.82079	-1.06716	5.92666	349.62671	0.878684	3	17.344
-5.26387	-3.80233	6.49889	215.80636	0.962546	4	23.392
3.34828	0.74497	3.43015	12.54354	0.590507	5	29.240
4.63276	3.86934	6.83688	39.86908	0.894826	6	35.000
-1.21463	-2.66078	2.92491	245.46344	0.433686	7	40.936
-2.52537	-0.28285	2.54116	186.39867	0.376718	8	46.784
-0.53711	1.59587	1.68384	188.68136	0.240622	9	52.632
0.94662	-1.92399	2.14425	296.19751	0.317877	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 902 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
109.38432					0	
-8.76544	-23.44942	25.03419	249.50366	1.000000	1	5.040
5.98204	0.00986	5.98244	8.64913	0.238971	2	11.696
23.82571	-0.99433	23.84716	337.32710	0.928627	3	17.344
9.60914	-5.77067	11.28790	329.81074	0.447783	4	23.392
-8.84534	-8.24247	12.09042	222.97939	0.482956	5	29.240
-2.88016	-2.89567	3.47371	216.28336	0.138738	6	35.000
4.82460	1.87636	5.17663	21.25179	0.286782	7	40.936
2.67329	2.71985	3.81367	45.49461	0.152338	8	46.784
-0.38242	-0.87890	0.91255	196.62382	0.812485	9	52.632
-0.81787	-2.37239	2.58941	258.97850	0.188239	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 902 OSC CTR 354 TEST COND 5 COMP RUN 90.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
49.71010					0	
0.57878	14.13053	14.14238	87.65443	0.929935	1	5.040
1.89313	1.96077	2.24440	68.86314	0.147614	2	11.696
15.19859	-0.53261	15.20792	337.99292	1.000000	3	17.344
0.17094	-3.86585	3.87861	273.19141	0.281989	4	23.392
-4.78025	-5.84797	6.98137	227.88763	0.453881	5	29.240
1.92671	4.66852	5.05847	67.57398	0.332095	6	35.000

HARMONIC COMPONENTS OF AIRLOADS AND FITTING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
52.05487					0	
-3.82049	-15.02778	15.50586	255.73520	1.000000	1	5.848
0.02441	-0.55737	0.55900	272.71240	0.035986	2	11.696
12.01495	-0.50473	12.02154	357.99447	0.775548	3	17.544
7.90094	-1.83633	7.72215	346.24315	0.448034	4	23.392
-5.39080	-4.89761	7.28336	222.25552	0.449717	5	29.240
-2.98320	-1.81115	3.48995	211.26263	0.225073	6	35.088
3.05312	1.55708	3.42921	27.00462	0.221156	7	40.936
2.18363	1.71448	2.77627	38.13725	0.179046	8	46.784
-0.11762	-0.36249	0.38110	252.02373	0.024578	9	52.632
-0.60218	-1.28020	1.41475	244.80876	0.091240	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.75914					0	
1.87573	12.85450	12.99863	81.69795	1.000000	1	5.848
-9.83339	1.29312	1.50494	123.62613	0.115048	2	11.696
9.84648	0.14029	9.84748	0.81629	0.758045	3	17.544
2.83272	-0.70085	2.72441	345.09302	0.209721	4	23.392
-4.94436	-4.13293	6.44420	219.89186	0.496066	5	29.240
-1.24770	1.06304	1.64046	139.51549	0.126280	6	35.088
4.67019	3.90637	6.08855	39.91075	0.443688	7	40.936
1.85740	-0.58193	1.94644	342.80220	0.149834	8	46.784
-1.75735	-3.14048	3.59873	240.76965	0.277825	9	52.632
-0.95855	0.09009	0.56377	170.83737	0.043552	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.09832					0	
-0.29827	-1.23011	1.26529	256.45801	1.000000	1	5.848
-0.03488	-0.05179	0.06244	236.04388	0.049351	2	11.696
0.94070	-0.03955	0.96151	357.84258	0.759916	3	17.544
0.62698	-0.13340	0.64102	347.98853	0.506618	4	23.392
-0.44002	-0.39840	0.59358	222.15814	0.449130	5	29.240
-0.25510	-0.15241	0.29716	210.85637	0.234859	6	35.088
0.25016	0.13056	0.28218	27.56157	0.223015	7	40.936
0.18312	0.14018	0.23862	37.43509	0.182264	8	46.784
-0.00874	-0.03183	0.03301	254.65199	0.024087	9	52.632
-0.04981	-0.18304	0.11445	244.20262	0.090452	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 354 TEST COND 5 COMP RUN 50.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.48598					0	
0.16770	1.08788	1.10073	81.23634	1.000000	1	5.848
-0.08364	0.10166	0.13165	129.44542	0.119598	2	11.696
0.80967	0.01573	0.80982	1.11309	0.735718	3	17.544
0.23085	-0.04628	0.24330	349.03467	0.221032	4	23.392
-0.42407	-0.34799	0.54857	219.37206	0.498373	5	29.240
-0.12392	0.07142	0.14303	150.04572	0.129939	6	35.088
0.39794	3.34183	0.32459	40.66226	0.476589	7	40.936
0.16732	-0.04286	0.17292	345.64966	0.157895	8	46.784
-0.14415	-0.27838	0.31349	242.62430	0.284804	9	52.632
-0.05385	0.01457	0.05582	144.64508	0.049983	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL HM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.54899					0	
-0.55892	0.49110	0.88882	128.96400	1.000000	1	5.848
0.37020	-0.20841	0.42484	330.62183	0.477976	2	11.696
-0.15906	0.30540	0.34433	117.51192	0.387404	3	17.544
5.06322	0.02639	0.06850	22.65990	0.077071	4	23.392
-0.17172	0.02704	0.17384	171.05067	0.195584	5	29.240
0.08219	0.03318	0.08063	21.98315	0.099717	6	35.088
-0.06062	0.05629	0.08272	137.12041	0.093863	7	40.936
0.03833	-0.06361	0.07426	381.87397	0.083553	8	46.784
-0.00084	-0.03792	0.03793	268.73637	0.042672	9	52.632
0.02596	-0.08491	0.08879	286.99854	0.099893	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL HM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-1.20499					0	
0.59261	-1.14941	1.29319	297.27466	1.000000	1	5.848
0.08440	-0.08590	0.12184	315.16504	0.094213	2	11.696
-0.31308	0.16848	0.35549	151.72499	0.274893	3	17.544
-0.04882	0.04412	0.06869	134.35156	0.053119	4	23.392
0.17372	0.15729	0.23433	42.15718	0.181216	5	29.240
0.04496	-0.09864	0.18040	294.58171	0.063822	6	35.088
-0.10033	-0.09193	0.13600	222.49599	0.105226	7	40.936
-0.06688	-0.05881	0.08054	220.93747	0.068464	8	46.784
-0.01080	0.09413	0.09466	96.86223	0.073201	9	52.632
0.04433	0.01488	0.04495	18.47119	0.036306	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
MODEL HM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.79972					0	
-2.76916	3.37399	4.36486	129.37781	1.000000	1	5.848
1.85403	-1.01653	2.11617	331.29077	0.484820	2	11.696
-0.79578	1.48487	1.68368	118.18347	0.385736	3	17.544
0.29354	0.11931	0.31538	21.44921	0.072253	4	23.392
-0.83545	0.11487	0.04351	172.17314	0.193251	5	29.240
0.38219	0.14721	0.48956	21.86982	0.093830	6	35.088
-0.29357	0.26176	0.39332	130.27866	0.090112	7	40.936
0.17892	-0.29798	0.34756	388.98218	0.079628	8	46.784
-0.01247	-0.17922	0.17965	266.81978	0.041159	9	52.632
0.11912	-0.39959	0.41696	286.59912	0.095327	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
MODEL HM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-5.74265					0	
2.78531	-5.31693	5.96561	296.96733	1.000000	1	5.848
0.40061	-0.34078	0.53131	318.97044	0.089863	2	11.696
-1.51499	2.89863	1.79746	150.48788	0.291246	3	17.544
-0.25832	0.21386	0.33588	146.58992	0.056156	4	23.392
0.83160	0.76276	1.12843	42.52777	0.189156	5	29.240
0.28954	-0.47323	0.51754	293.86281	0.086755	6	35.088
-0.46530	-0.42842	0.63290	222.63699	0.106024	7	40.936
-0.52869	-0.28864	0.41834	219.95282	0.078136	8	46.784
-0.04422	0.44891	0.45129	95.87897	0.073648	9	52.632
0.28338	6.07177	0.21754	19.26321	0.036448	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.58415					0	
-7.15699	0.50170	11.11312	130.09172	1.000000	1	5.848
4.89261	-2.55729	5.32063	332.40454	0.496767	2	11.696
-2.08646	3.70911	4.25568	119.35886	0.382942	3	17.544
0.67286	0.23057	0.71127	18.91525	0.064003	4	23.392
-2.09374	0.21345	2.10459	174.17902	0.189379	5	29.240
0.87864	0.30550	0.93023	19.17239	0.083706	6	35.088
-0.72933	0.60184	0.94559	140.47053	0.085088	7	40.936
0.41443	-0.69521	0.80937	300.80029	0.072830	8	46.784
-0.06858	-0.42544	0.43093	260.84277	0.038776	9	52.632
0.26644	-0.94069	0.97769	285.81396	0.087976	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-13.84969					0	
5.98446	-12.89245	13.49226	296.33032	1.000000	1	5.848
0.91693	-0.56605	1.07757	328.31152	0.079866	2	11.696
-3.75794	2.26973	4.39019	148.86800	0.325306	3	17.544
-0.75012	0.41637	0.86590	151.10776	0.064177	4	23.392
2.02229	1.89936	2.77439	43.20451	0.265628	5	29.240
0.48396	-1.19561	1.25286	292.72339	0.092857	6	35.088
-1.06384	-0.98937	1.45279	222.92287	0.107676	7	40.936
-0.78219	-0.61232	0.99336	218.05492	0.073624	8	46.784
-0.18583	1.08400	1.08908	95.53429	0.080719	9	52.632
0.48421	0.17710	0.49684	20.88275	0.036824	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 58
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
22.10391					0	
-18.89444	20.60468	27.99625	132.52078	1.000000	1	5.848
13.33588	-8.35973	14.77470	334.58391	0.528494	2	11.696
-5.87085	0.74578	10.59343	123.87172	0.376783	3	17.544
1.14921	-0.03649	1.19860	357.18604	0.041157	4	23.392
-5.81013	-0.97362	5.01067	180.84167	0.179232	5	29.240
1.38987	0.18588	1.44214	7.58519	0.050155	6	35.088
-1.78253	0.97701	1.46295	158.15091	0.070215	7	40.936
0.69431	-1.21243	1.39716	299.79810	0.049977	8	46.784
-0.52475	-0.79558	0.95385	234.59190	0.034091	9	52.632
0.37292	-1.72243	1.76234	282.21655	0.063939	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 58
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-28.92458					0	
4.89748	-18.33858	19.59280	290.61206	1.000000	1	5.848
1.44578	1.25182	1.92758	40.49825	0.098382	2	11.696
-8.59481	6.59707	10.83413	142.48889	0.552965	3	17.544
-2.88816	-0.86214	2.88888	181.26768	0.143343	4	23.392
4.34788	4.57419	6.31088	46.45332	0.322102	5	29.240
0.77594	-2.53621	2.65214	287.00317	0.135363	6	35.088
-1.67324	-1.59887	2.31019	223.59038	0.117910	7	40.936
-1.67497	-0.93888	1.92802	209.26488	0.097996	8	46.784
-0.14685	2.23649	2.24131	93.75674	0.114394	9	52.632
0.63545	0.38285	0.74187	31.06830	0.037864	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
 MODEL XH-51A SHIP 1002C TEST 902 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
29.48921					0	
-21.24123	20.15323	29.28040	136.50560	1.000000	1	5.048
16.22934	-6.22569	17.36246	339.01270	0.593655	2	11.696
-7.05089	0.09104	10.73219	131.07036	0.346532	3	17.544
0.12895	-1.01248	1.02066	277.25006	0.034058	4	23.392
-4.72969	-1.21959	4.88440	194.45920	0.166815	5	29.240
0.05590	-0.82306	0.82495	273.80501	0.028174	6	35.088
-1.51377	0.07261	1.51590	177.26138	0.051758	7	40.936
0.12002	-0.33200	0.35303	289.87451	0.012057	8	46.784
-1.09862	-0.37187	1.15985	198.70045	0.039612	9	52.632
-0.14808	-0.67027	0.68643	257.54799	0.023443	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
 MODEL XH-51A SHIP 1002C TEST 902 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-18.98415					0	
-6.21982	2.05490	6.55048	161.71748	0.582121	1	5.048
0.01711	6.01433	6.01436	89.83608	0.534477	2	11.696
-7.68843	8.39932	11.25278	131.71869	1.000000	3	17.544
-4.40738	-1.90413	4.80111	203.36591	0.428660	4	23.392
3.15332	4.18396	5.23917	52.99579	0.465589	5	29.240
0.07450	-1.93206	1.93349	272.20801	0.171823	6	35.088
0.02494	-0.15982	0.16175	278.86987	0.014175	7	40.936
-1.24067	0.07243	1.24278	176.65805	0.110442	8	46.784
0.03590	1.46699	1.46743	88.59831	0.130406	9	52.632
-0.20572	0.31180	0.37577	123.92546	0.033394	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
 MODEL XH-51A SHIP 1002C TEST 902 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
47.38120					0	
-25.54527	22.78784	34.23224	138.26573	1.000000	1	5.048
24.69250	-3.87972	24.99542	351.07856	0.730172	2	11.696
-7.36871	7.67606	10.64848	133.82971	0.318032	3	17.544
-1.86036	0.37383	1.89755	168.63812	0.055432	4	23.392
-4.62403	-1.32521	5.59435	216.92938	0.161671	5	29.240
-0.63163	-1.62056	1.73931	246.78607	0.058089	6	35.088
-1.61989	-0.70361	1.58467	206.34824	0.046292	7	40.936
-0.33496	0.28679	0.44896	139.43847	0.012881	8	46.784
-0.92502	-0.27457	0.96492	196.53238	0.028187	9	52.632
-0.91429	0.18847	0.93361	168.35362	0.027273	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
 MODEL XH-51A SHIP 1002C TEST 902 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-4.94968					0	
-9.48915	16.96388	22.07807	115.23495	1.000000	1	5.048
-1.74222	11.89237	11.23623	99.17812	0.509116	2	11.696
-7.48074	10.42551	12.83171	125.66106	0.581408	3	17.544
-5.49110	-2.45566	6.01918	204.89048	0.272549	4	23.392
1.71521	2.24033	2.82153	52.56289	0.127844	5	29.240
-1.08890	-0.88523	0.88988	244.26489	0.048312	6	35.088
1.71332	0.47702	1.77848	15.95822	0.008584	7	40.936
-1.15992	0.83173	1.42738	144.35732	0.064671	8	46.784
0.28349	0.97332	0.99436	78.19122	0.045085	9	52.632
-0.44460	0.69613	0.73810	126.35865	0.033987	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL RM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
56.24570					0	
-20.34135	18.32304	27.37708	137.98819	0.965317	1	5.848
28.27945	2.14568	28.36072	4.33895	1.000000	2	11.696
-3.45319	4.76541	5.88503	125.92847	0.207507	3	17.544
-3.89484	3.45568	5.20687	138.41904	0.183594	4	23.392
-2.32137	-4.60452	5.15659	243.24498	0.181821	5	29.240
-0.28022	-1.47155	1.49799	259.21826	0.052819	6	35.088
-0.68287	-0.96551	1.19734	235.22688	0.042718	7	40.936
-0.43859	0.44670	0.62602	134.47557	0.022073	8	46.784
0.33777	-0.42811	0.54532	308.27244	0.019228	9	52.632
-1.38029	0.62034	1.49506	155.48543	0.052716	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL RM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
14.39225					0	
2.53129	24.48918	24.61964	84.09863	1.000000	1	5.848
-2.87687	11.06347	11.43139	104.57610	0.464320	2	11.696
-5.58498	7.04194	9.79104	124.77931	0.397693	3	17.544
-3.37115	-0.57253	3.41942	189.63863	0.138890	4	23.392
-0.62315	-2.27294	2.35682	254.66832	0.095729	5	29.240
0.36149	0.81805	0.89436	66.15944	0.036327	6	35.088
2.38506	-0.10148	2.38722	357.56348	0.096964	7	40.936
-0.90748	0.93540	1.30327	134.13210	0.052936	8	46.784
0.12344	0.36788	0.38804	71.45038	0.015761	9	52.632
0.25987	0.92523	0.96103	74.31174	0.039035	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL RM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.64954					0	
-12.74669	11.44824	17.13301	138.07190	0.685212	1	5.848
24.59884	4.48708	25.00394	10.33800	1.000000	2	11.696
-0.47645	3.08474	3.12132	98.78826	0.124833	3	17.544
-4.00233	3.45005	5.28408	139.23828	0.211350	4	23.392
-0.92286	-3.81052	3.92049	256.39697	0.156795	5	29.240
0.03660	-1.10474	1.10535	271.89722	0.044207	6	35.088
0.06241	-0.89332	0.89549	275.99634	0.035814	7	40.936
-0.30836	0.39301	0.49954	128.11874	0.019979	8	46.784
0.77752	-0.44417	0.89644	330.15137	0.035852	9	52.632
-1.06995	0.55942	1.20737	152.39742	0.048287	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL RM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
20.60430					0	
8.84209	19.67787	21.57315	65.88954	1.000000	1	5.848
-2.44727	8.89730	8.42076	106.89529	0.390335	2	11.696
-3.68177	5.00903	6.21657	126.31691	0.288162	3	17.544
-1.17556	8.50124	1.27796	156.98735	0.059238	4	23.392
-1.67288	-4.23138	6.54977	248.43794	0.210900	5	29.240
0.51500	1.30805	1.40634	68.51875	0.045189	6	35.088
1.93957	-0.59422	2.02855	342.96455	0.094031	7	40.936
-0.50282	0.88869	0.94802	122.03186	0.043945	8	46.784
-0.19913	-0.04079	0.16428	194.37679	0.007815	9	52.632
0.71305	0.76723	1.04741	47.02598	0.048557	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 902 OSC CTR 306 TEST COND 9 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.26399					0	
-12.61607	10.45641	16.38602	140.34749	0.564196	1	5.848
29.55653	5.14079	30.00026	9.86678	1.000000	2	11.696
0.43193	5.34950	5.36690	85.38376	0.178893	3	17.544
-4.69698	1.25165	4.86088	165.07855	0.162028	4	23.392
-0.91683	-2.69120	2.84388	251.18716	0.094768	5	29.240
-0.10334	-1.38822	1.39206	265.74243	0.066462	6	35.088
0.98118	-1.32258	1.64679	306.57056	0.054893	7	40.936
-0.22634	0.63859	0.67885	109.35629	0.022561	8	46.784
0.42129	-0.47663	0.63613	311.47339	0.021264	9	52.632
-0.57088	0.41306	0.70464	144.11282	0.023488	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 902 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
23.68986					0	
10.58958	21.74350	24.18332	64.04132	1.000000	1	5.848
-2.20337	7.91235	8.21341	105.56111	0.339631	2	11.696
-4.28252	5.41549	6.90416	128.33669	0.285493	3	17.544
0.98750	0.40480	0.40886	98.88328	0.016907	4	23.392
-2.70813	-5.81677	6.41629	245.83459	0.263319	5	29.240
0.31251	1.16426	1.28847	76.97504	0.099047	6	35.088
1.78737	-1.28891	2.19843	324.39185	0.099097	7	40.936
-0.84179	1.36203	1.36267	91.75735	0.056348	8	46.784
-0.94681	-0.39334	1.02526	202.55972	0.042395	9	52.632
1.16643	0.35498	1.21925	16.92670	0.050417	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 902 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
170.38020					0	
-25.50807	16.21637	10.22633	147.55447	0.401780	1	5.848
74.91379	6.90304	75.23112	5.26473	1.000000	2	11.696
1.71023	22.72400	22.78825	85.69591	0.302910	3	17.544
-10.04453	-10.53046	14.55277	226.35292	0.193441	4	23.392
-3.96347	0.12252	3.94537	178.22046	0.052442	5	29.240
-1.16281	-4.40896	4.54479	255.95673	0.060411	6	35.088
5.35002	-3.96973	6.66195	323.42432	0.088953	7	40.936
0.00634	2.10098	2.10098	89.82713	0.027927	8	46.784
-1.93196	-0.87398	2.12045	204.34108	0.028186	9	52.632
1.40824	-0.00970	1.40827	359.60522	0.018719	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 902 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
48.22493					0	
15.15135	47.54929	49.30488	72.32573	1.000000	1	5.848
-1.79944	14.72106	14.83963	96.96907	0.297178	2	11.696
-12.83886	13.72042	18.27331	131.26588	0.365762	3	17.544
2.89107	-1.75005	3.37949	328.61226	0.067719	4	23.392
-7.34168	-14.24169	16.62266	242.72856	0.321864	5	29.240
-0.53853	0.15106	0.55932	164.33127	0.011288	6	35.088
2.18506	-4.33872	4.85787	296.73047	0.097342	7	40.936
1.48984	4.77151	5.06190	78.49825	0.101431	8	46.784
-5.01079	-1.96038	5.38862	281.36697	0.107818	9	52.632
3.45552	-1.28344	3.68617	339.62402	0.073864	10	58.480

TEXT NOT REPRODUCIBLE

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL RM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
130.52376					0	
-9.69903	-0.66780	9.40209	103.95464	0.160952	1	5.040
57.29144	1.51073	57.31155	1.51049	1.000200	2	11.696
3.10936	21.27675	21.50276	61.60912	0.175191	3	17.544
-0.00536	-12.06060	14.26431	249.15907	0.249240	4	23.392
-5.30069	-1.31393	5.54350	103.40010	0.096015	5	29.240
0.00779	-4.20499	4.20611	271.36737	0.074706	6	35.088
4.73527	-1.63906	5.01110	340.00044	0.007430	7	40.936
0.50924	0.20075	0.50130	20.00004	0.010146	8	46.784
-1.90370	-0.77953	2.05712	200.26020	0.005094	9	52.632
1.53769	0.37133	1.56109	15.57600	0.027602	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL RM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
67.37271					0	
7.26579	25.34065	26.26171	70.00104	1.000000	1	5.040
2.07742	0.49702	0.76720	70.26129	0.351018	2	11.696
-9.67712	0.32220	12.69400	130.43003	0.499149	3	17.544
3.00230	-2.20005	3.00077	303.41309	0.165619	4	23.392
-3.20504	-10.70004	11.00094	203.00002	0.417421	5	29.240
0.17400	-0.13750	0.22200	301.00407	0.000436	6	35.088
-0.10131	-1.32047	1.32006	260.97510	0.000093	7	40.936
1.22502	2.15203	2.47041	60.36367	0.099040	8	46.784
-3.30040	-1.40044	3.07904	303.44430	0.167144	9	52.632
2.42413	-0.00630	2.42064	357.06116	0.092015	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL RM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
168.21231					0	
10.00404	-49.02067	26.37051	294.30910	3.435349	1	5.040
60.50009	-0.07644	60.57325	390.17090	1.000000	2	11.696
7.44100	21.46294	22.71049	70.07000	0.375025	3	17.544
-4.24937	-11.13050	11.00410	240.10034	0.196690	4	23.392
-9.00700	-11.71762	19.34440	220.70093	0.253321	5	29.240
3.00009	-0.37441	7.07977	290.79321	0.116079	6	35.088
3.05001	2.00629	4.46712	27.04475	0.073747	7	40.936
1.01072	-2.47020	2.67790	292.36230	0.014204	8	46.784
-0.13320	-1.46131	1.46002	204.00270	0.021257	9	52.632
-0.00436	1.76766	1.76766	40.14122	0.029102	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL RM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
140.00130					0	
11.95347	0.51990	14.67904	35.47935	1.000000	1	5.040
0.70822	7.70617	10.14194	50.13104	0.090913	2	11.696
-7.06136	3.13793	0.59917	160.72993	0.653937	3	17.544
3.00036	-2.40049	3.03132	321.79321	0.262302	4	23.392
2.51527	-11.07702	12.16122	201.90030	0.027113	5	29.240
3.49571	1.33044	3.60159	19.00017	0.240762	6	35.088
-1.02104	3.09121	3.49530	117.00902	0.235395	7	40.936
-0.00007	-2.17032	2.32990	249.33423	0.130456	8	46.784
-0.00012	-1.20000	1.52467	230.17010	0.103001	9	52.632
2.10902	3.10615	3.02137	50.40000	0.260329	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 40.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
125.90474					0	
21.75230	-25.32520	33.33650	310.43701	0.776102	1	5.848
43.15135	-2.20017	43.21155	356.97510	1.000000	2	11.696
5.57698	12.24050	13.45047	65.31942	0.311455	3	17.544
-2.26454	-5.75274	6.10314	240.49504	0.143000	4	23.392
-0.57515	-10.37499	14.11621	227.20504	0.326723	5	29.240
2.29475	-6.90260	7.27012	200.30092	0.160337	6	35.088
2.95172	1.95924	3.54200	33.57521	0.001007	7	40.936
0.10463	0.72104	0.74010	75.60300	0.001703	8	46.784
-0.60093	-1.31926	1.45217	246.20400	0.003606	9	52.632
0.17091	-0.62251	0.64054	205.75101	0.014959	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 40.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
40.26930					0	
13.26444	2.99904	13.50057	12.57690	1.000000	1	5.848
4.57666	6.30460	7.79009	54.02353	0.573242	2	11.696
-3.34492	-1.14930	3.33491	190.07007	0.200100	3	17.544
3.14916	-4.11559	5.10042	307.43979	0.301193	4	23.392
2.92602	-10.36123	10.76260	305.77500	0.792217	5	29.240
4.00165	-2.20105	5.28206	335.37329	0.300050	6	35.088
0.40779	0.90534	1.06639	67.51706	0.070465	7	40.936
-1.96013	-0.94004	2.10614	206.20017	0.140057	8	46.784
-0.53215	-3.01999	3.04401	240.00635	0.229455	9	52.632
3.23699	-0.74416	3.32143	347.05290	0.244392	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 40.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
120.08301					0	
27.03449	-34.03071	46.06137	306.00444	1.000000	1	5.848
41.00042	-3.50136	42.03325	335.11230	0.912549	2	11.696
4.42632	0.08327	9.92406	63.91390	0.215473	3	17.544
0.09336	-7.19409	7.10761	275.53564	0.154004	4	23.392
-9.52600	-11.32206	14.79693	229.92146	0.321244	5	29.240
0.75104	-9.10421	9.10472	276.40311	0.199710	6	35.088
3.00543	0.09200	3.00654	1.35488	0.002641	7	40.936
1.47060	2.71540	3.09190	61.42999	0.007127	8	46.784
-1.40500	-0.46934	1.55741	197.53937	0.033012	9	52.632
-0.64546	-2.09557	2.93200	256.00104	0.063656	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 40.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
64.03062					0	
37.50611	21.00704	43.05061	29.20193	1.000000	1	5.848
12.09940	10.05225	16.22345	41.90444	0.376776	2	11.696
-3.02053	-3.52900	0.15909	215.01572	0.142504	3	17.544
3.55710	-0.63190	9.30620	292.39000	0.210025	4	23.392
2.00555	-13.31010	13.62711	202.22405	0.310470	5	29.240
5.42005	-7.30501	9.10002	305.27032	0.212752	6	35.088
4.20967	-1.47159	4.51615	340.93291	0.104004	7	40.936
-0.50270	1.14541	1.24407	113.75507	0.020009	8	46.784
-2.56621	-2.06536	3.04652	220.15234	0.009332	9	52.632
1.34071	-3.63335	3.07559	290.36479	0.070007	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
 MODEL NM-91A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 9 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
68.04222					0	
14.17858	-22.10284	26.25961	302.67944	1.000000	1	5.848
19.08043	-2.98381	19.19386	353.76733	0.733927	2	11.696
1.72039	3.11982	9.55823	61.09483	0.135340	3	17.544
1.63596	-4.21999	4.52600	291.19970	0.172336	4	23.392
-4.20711	-5.93285	7.27313	234.65872	0.276970	5	29.240
-0.30936	-4.99699	3.00137	267.60083	0.190458	6	35.088
2.80657	-0.69019	2.19775	341.49702	0.063493	7	40.936
1.40378	1.58250	2.11539	48.42493	0.080557	8	46.784
-0.90044	0.18225	0.91870	168.55800	0.034985	9	52.632
-0.81633	-1.93807	2.10297	247.15872	0.080084	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
 MODEL NM-91A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
50.31943					0	
28.08113	17.69174	33.10954	32.21184	1.000000	1	5.848
9.28366	6.97278	11.61046	36.90953	0.349827	2	11.696
-3.62612	-2.42140	4.36027	213.73364	0.131375	3	17.544
1.65091	-5.66015	5.89599	286.26050	0.177646	4	23.392
1.43322	-7.29001	7.43053	181.16840	0.223881	5	29.240
2.37041	-5.18118	5.78382	196.38794	0.174266	6	35.088
3.40474	-1.34454	3.66041	338.45068	0.110294	7	40.936
0.56898	1.15448	1.28356	64.08405	0.058674	8	46.784
-1.97379	-0.87619	2.19952	283.93707	0.065066	9	52.632
-0.96464	-2.29328	2.36176	256.16797	0.071160	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
 MODEL NM-91A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.39455					0	
1.13697	-1.79730	2.12353	302.18066	1.000000	1	5.848
1.49145	-0.16902	1.90100	353.33442	0.706843	2	11.696
0.13043	0.25082	0.26512	60.53065	0.124851	3	17.544
0.14988	-0.94203	0.37153	292.98560	0.174958	4	23.392
-0.32746	-0.47361	0.57580	235.33926	0.271151	5	29.240
-0.02370	-0.40170	0.40240	266.62280	0.189498	6	35.088
0.16779	-0.06360	0.17944	339.24194	0.084501	7	40.936
0.11905	0.12896	0.17591	47.20773	0.082652	8	46.784
-0.07354	0.01936	0.07605	169.24825	0.035813	9	52.632
-0.07032	-0.16031	0.17504	246.21577	0.082438	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
 MODEL NM-91A SHIP 1002C TEST 502 OSC CTR 306 TEST COND 8 COMP RUN 48.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.19098					0	
2.33620	1.48882	2.77196	32.48640	1.000000	1	5.848
0.77463	0.57164	0.96272	59.42572	0.347307	2	11.696
-0.30012	-0.20032	0.36083	213.72215	0.130173	3	17.544
0.12971	-0.46547	0.48320	285.57194	0.174319	4	23.392
0.11392	-0.58613	0.59709	280.99878	0.215405	5	29.240
0.20560	-0.42944	0.47483	295.25684	0.171298	6	35.088
0.20556	-0.11445	0.30764	338.15918	0.110983	7	40.936
0.05393	0.09890	0.11264	61.39738	0.040637	8	46.784
-0.16493	-0.06344	0.17671	201.03873	0.063749	9	52.632
-0.05901	-0.18849	0.19751	252.61714	0.071253	10	58.480

HARMONIC COMPONENTS OF AIFLOADS AND FITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
 MODEL RM-51A SHIP 1002C TEST 504 USC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.45462					0	
-0.41661	0.54882	0.68867	127.16280	1.000000	1	5.882
0.16511	-0.03039	0.16788	349.97007	0.243780	2	11.765
-0.11430	0.21017	0.23924	118.53984	0.347398	3	17.647
-0.03914	0.05063	0.06400	127.70952	0.092924	4	23.529
0.02043	0.03494	0.04047	59.68217	0.058773	5	29.412
-0.07831	0.06151	0.09001	141.13019	0.142321	6	35.294
0.02227	-0.05018	0.05490	293.93481	0.079728	7	41.176
0.06717	0.04293	0.07972	32.98545	0.115754	8	47.059
-0.04470	0.08788	0.09059	116.95862	0.143165	9	52.941
-0.08493	-0.02489	0.08850	196.33557	0.128507	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
 MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-2.10802					0	
0.16300	0.19301	0.25263	49.81978	0.741738	1	5.882
0.20380	-0.27289	0.34859	306.75220	1.000000	2	11.765
-0.14144	0.12404	0.18867	138.56416	0.553938	3	17.647
-0.13263	-0.18878	0.23071	234.98950	0.677370	4	23.529
-0.07623	0.13857	0.15816	118.81572	0.464360	5	29.412
-0.12785	0.09178	0.13794	197.99201	0.484988	6	35.294
-0.11868	-0.09430	0.12328	286.15485	0.361956	7	41.176
0.07142	0.04634	0.08313	32.97728	0.249949	8	47.059
-0.37706	-0.08130	0.07787	188.96982	0.226289	9	52.941
0.04370	-0.02351	0.04962	331.71582	0.145696	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
 MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.33603					0	
-2.08461	2.79994	3.45874	127.06418	1.000000	1	5.882
0.84913	-0.15269	0.86275	349.80591	0.249440	2	11.765
-0.55957	1.08716	1.19217	119.05626	0.333118	3	17.647
-0.15587	0.24214	0.28797	122.77014	0.083259	4	23.529
0.08466	0.14311	0.16730	58.80164	0.048371	5	29.412
-0.34971	0.28442	0.45214	140.66144	0.130729	6	35.294
0.07704	-0.23335	0.24600	288.45142	0.071124	7	41.176
0.32889	0.18814	0.37202	38.39667	0.167560	8	47.059
-0.28626	0.41718	0.46556	116.29779	0.134684	9	52.941
-0.48351	-0.11372	0.41923	195.74804	0.121209	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
 MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-10.83436					0	
0.78897	0.73560	1.00016	42.91265	0.694629	1	5.882
0.98897	-1.20001	1.55502	305.49316	1.000000	2	11.765
-0.68170	0.57901	0.89441	139.63677	0.575179	3	17.647
-0.63803	-0.86655	1.07410	233.63643	0.692016	4	23.529
-0.39174	0.65712	0.76909	128.80126	0.491974	5	29.412
-0.59750	0.24463	0.44364	157.73457	0.415196	6	35.294
-0.52446	-0.25340	0.58247	205.78784	0.374573	7	41.176
0.39939	0.20481	0.39840	31.11886	0.254915	8	47.059
-0.35825	-0.01024	0.35819	181.63851	0.238348	9	52.941
0.19148	-0.11989	0.23274	326.99414	0.149669	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
19.47647					0	
-9.49825	7.31133	9.14322	126.47376	1.000000	1	5.882
2.33046	-0.40386	2.36513	350.16821	0.258676	2	11.765
-1.41604	2.45417	2.83379	119.99872	0.305934	3	17.647
-0.23669	0.58790	0.63376	111.92969	0.069314	4	23.529
0.16839	-0.23692	0.28776	56.12640	0.031473	5	29.412
-0.70801	0.66175	1.02290	159.48925	0.111876	6	35.294
0.05938	-0.53649	0.53976	276.31592	0.059034	7	41.176
0.77743	0.37972	0.86520	26.03242	0.094628	8	47.059
-0.46677	1.08810	1.10367	115.01967	0.120709	9	52.941
-0.96759	-0.25204	0.99987	194.60004	0.109357	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-29.70639					0	
1.97193	0.93080	2.18365	25.43932	0.429009	1	5.882
2.46899	-2.43765	3.46717	315.32647	1.000000	2	11.765
-1.67009	1.32366	2.13777	141.74385	0.616576	3	17.647
-1.56881	-1.99908	2.40201	231.08759	0.718777	4	23.529
-1.07388	1.56086	1.90202	124.37450	0.540100	5	29.412
-1.30749	0.50025	1.90808	137.38821	0.433763	6	35.294
-1.25123	-0.50670	1.80196	205.12104	0.390583	7	41.176
0.01414	0.42120	0.91664	27.39488	0.264379	8	47.059
-0.02177	-0.04382	0.82289	182.99487	0.237339	9	52.941
0.44127	-0.32471	0.54787	323.65210	0.158817	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
59.00971					0	
-15.43749	20.49904	25.84893	126.81001	1.000000	1	5.882
7.09367	-1.10188	7.17343	350.34346	0.278291	2	11.765
-3.40000	5.19647	6.38667	124.77807	0.244759	3	17.647
0.77252	1.32782	1.53619	59.00911	0.059431	4	23.529
-0.14157	-0.45886	0.47296	292.36725	0.018282	5	29.412
-1.00886	1.11307	1.40694	131.94731	0.057807	6	35.294
-1.06980	-0.83763	1.38832	216.87335	0.052549	7	41.176
1.48199	0.04809	1.60273	1.74072	0.042005	8	47.059
-0.47807	1.98889	2.09089	100.69600	0.000871	9	52.941
-1.95045	-0.25025	1.96780	187.57834	0.076128	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-95.10009					0	
4.63043	-0.39885	7.79235	304.98863	1.000000	1	5.882
5.09386	-0.73895	5.94195	353.14793	0.762335	2	11.765
-3.63090	1.94128	4.12264	151.98840	0.529862	3	17.647
-3.49961	-2.38296	4.27627	216.12714	0.440835	4	23.529
-3.30213	3.17800	4.04051	130.86334	0.34547	5	29.412
-2.36999	1.13086	2.61169	154.84259	0.335161	6	35.294
-2.44169	-0.98040	2.62159	201.34937	0.336431	7	41.176
1.68866	0.17285	1.61086	6.13594	0.287648	8	47.059
-1.27601	-0.27384	1.30500	192.10620	0.167472	9	52.941
0.53656	-0.96150	1.10100	299.16333	0.141302	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
69.08995					0	
-18.85118	25.70105	31.87335	126.25929	1.000000	1	5.002
9.80631	-1.46402	9.92500	351.50079	0.311075	2	11.765
-3.67576	3.78349	5.27518	134.17105	0.165504	3	17.647
3.15843	0.98973	3.31004	17.39793	0.103050	4	23.529
-1.04152	-2.30771	2.53185	245.70924	0.079435	5	29.412
0.50531	0.16842	0.60906	16.09286	0.019189	6	35.294
-3.16388	-0.01973	3.16394	180.35724	0.090864	7	41.176
1.08271	-1.42859	1.79252	307.15771	0.050259	8	47.059
0.16137	1.14242	1.15376	81.96013	0.036198	9	52.941
-1.16115	0.29493	1.19051	165.65588	0.037602	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-130.89536					0	
3.98679	-20.61099	21.00087	200.94536	1.000000	1	5.002
5.41594	0.37808	9.97620	57.11944	0.475030	2	11.765
-2.92191	-0.21900	2.93817	104.30193	0.139526	3	17.647
-2.74272	1.31459	3.04149	154.39145	0.144827	4	23.529
-4.66785	1.02500	5.31222	156.63731	0.238667	5	29.412
-0.50084	0.53515	0.73295	133.10303	0.034901	6	35.294
-1.31001	-0.12840	1.31788	105.59444	0.062715	7	41.176
0.93833	-1.30195	1.60485	305.70076	0.076418	8	47.059
-0.00194	-0.53975	0.53976	269.79419	0.025702	9	52.941
-0.42140	-1.20125	1.34877	251.79402	0.064325	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 80
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
95.36409					0	
-21.21744	24.25534	40.29401	121.77374	1.000000	1	5.002
14.67262	-1.55863	14.75517	353.90420	0.366188	2	11.765
-2.53440	3.97801	4.71675	122.50134	0.117058	3	17.647
5.17615	-0.17347	5.17905	158.00057	0.128532	4	23.529
-1.06181	-0.22693	4.39825	255.80001	0.100161	5	29.412
1.20988	-0.63610	1.36683	332.26409	0.033022	6	35.294
-4.46241	0.19789	4.46679	177.46077	0.110055	7	41.176
1.23490	-1.79990	2.15000	305.00542	0.053358	8	47.059
0.46583	0.60804	0.83254	55.97780	0.020042	9	52.941
-0.30880	-0.19374	0.36455	212.10411	0.009047	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 80
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-134.78928					0	
6.05628	-21.75418	22.80963	207.49516	1.000000	1	5.002
3.11353	13.23473	13.59403	76.76130	0.500000	2	11.765
-3.89275	-0.16584	3.89628	162.43942	0.170021	3	17.647
-2.41932	3.15230	3.97367	127.50845	0.174215	4	23.529
-5.31555	-0.60591	5.34975	186.48165	0.234045	5	29.412
0.87927	0.33741	0.94178	20.99360	0.041290	6	35.294
-0.33445	-0.07051	0.34395	191.82900	0.015000	7	41.176
1.13196	-2.03255	2.32650	299.11401	0.101999	8	47.059
0.17414	-0.54875	0.57572	287.60596	0.025241	9	52.941
-0.95312	-2.03764	2.24955	244.95192	0.090625	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
92.92566					0	
-13.27587	30.49028	33.25516	113.52899	1.000000	1	5.882
15.70161	-0.56708	15.71185	357.93140	0.472463	2	11.765
0.90394	4.00766	4.10834	77.28943	0.123540	3	17.647
4.29427	-2.24536	4.84586	332.39400	0.145718	4	23.529
0.14007	-4.08230	4.08469	271.96509	0.122829	5	29.412
0.37474	-1.09949	1.16161	288.82275	0.034930	6	35.294
-2.82164	-0.30490	2.83809	186.16725	0.085343	7	41.176
1.44577	-0.04516	1.44774	357.41943	0.043519	8	47.059
0.10751	0.42371	0.43714	75.76318	0.013145	9	52.941
0.61517	-1.59416	1.70873	291.10083	0.051382	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-50.46820					0	
9.56439	0.99897	9.61442	5.96272	1.000000	1	5.882
-1.90713	7.33495	7.57882	104.57462	0.788113	2	11.765
-5.10223	2.38474	5.59862	155.69000	0.582194	3	17.647
-1.41986	1.09251	1.79153	142.47746	0.184299	4	23.529
-3.04338	-3.58886	4.70553	229.70180	0.489323	5	29.412
1.25345	0.17898	1.26616	8.12630	0.131667	6	35.294
0.38487	-0.69370	0.79331	299.02197	0.082496	7	41.176
1.48516	-0.47977	1.77923	326.58491	0.185020	8	47.059
-0.48184	0.00849	0.68189	179.28700	0.070909	9	52.941
-0.62484	-2.23608	2.32174	254.38763	0.241435	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
73.81736					0	
-0.33557	20.45051	21.60052	107.05485	1.000000	1	5.882
13.88880	0.40496	13.61483	1.78447	0.638801	2	11.765
2.47379	2.94384	3.84525	49.95897	0.178017	3	17.647
2.44270	-3.11308	4.08352	310.32788	0.189847	4	23.529
0.47876	-2.88328	2.84254	279.53271	0.131596	5	29.412
0.03638	-1.30173	1.30224	271.60059	0.048287	6	35.294
-1.19773	-0.48353	1.29165	281.98398	0.059797	7	41.176
1.06432	0.89119	1.39199	39.80841	0.064443	8	47.059
0.07535	0.27763	0.28768	74.81526	0.013318	9	52.941
0.83184	-1.84155	2.02071	294.30908	0.093549	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.28541					0	
7.99189	13.57310	15.75872	59.51302	1.000000	1	5.882
-3.43158	2.18894	4.07828	147.44693	0.258419	2	11.765
-4.43382	3.10428	3.82849	147.81837	0.370046	3	17.647
-0.49768	-0.73228	0.88339	235.79878	0.056213	4	23.529
-1.32245	-4.89980	4.26985	251.95772	0.271089	5	29.412
1.11819	-0.29954	1.14889	344.90039	0.073005	6	35.294
0.79877	-0.79436	0.88558	299.02108	0.051140	7	41.176
0.94417	-0.89186	0.94863	354.44312	0.060228	8	47.059
-0.64287	0.38675	0.74955	144.83762	0.047588	9	52.941
-0.36649	-1.69965	1.73875	257.82520	0.110392	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1007C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
85.26627					0	
-6.76972	19.13240	20.29475	109.48563	1.000000	1	5.882
18.14128	1.87961	18.23837	5.91527	0.898674	2	11.765
2.77168	1.89044	3.35499	34.29616	0.165313	3	17.647
2.37696	-4.64827	5.22876	297.08350	0.257247	4	23.529
-0.26153	-1.99279	2.81250	261.95874	0.099167	5	29.412
0.82164	-2.71165	2.83940	286.89742	0.139613	6	35.294
-1.14439	-0.36395	1.28878	197.61327	0.059265	7	41.176
0.35633	1.26805	1.31716	74.38437	0.064981	8	47.059
1.01644	0.29514	1.05641	16.18849	0.052162	9	52.941
0.91004	-1.74169	1.96548	297.60791	0.096047	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
18.38628					0	
5.82994	19.29883	28.15251	73.18443	1.000000	1	5.882
-2.59281	1.93886	3.23788	143.22289	0.160629	2	11.765
-6.77739	3.34324	7.95714	153.74384	0.374997	3	17.647
0.30457	-1.96838	1.99173	278.79590	0.098633	4	23.529
-2.88734	-4.85217	4.52211	243.84735	0.224994	5	29.412
1.54526	-2.15420	2.65112	308.65388	0.131553	6	35.294
-0.84281	-6.89983	0.18854	246.88289	0.085334	7	41.176
-0.62918	0.48873	0.75829	146.99154	0.037231	8	47.059
0.73595	0.69868	1.08899	43.19797	0.050888	9	52.941
-8.64118	-1.54021	1.68831	247.48073	0.032784	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 149
MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
219.85220					0	
-20.86296	31.09631	37.44653	123.85825	0.691314	1	5.882
53.44898	8.79175	54.16714	9.34088	1.000000	2	11.765
4.51530	-1.08874	4.64283	346.53931	0.083713	3	17.647
4.39280	-14.04425	14.71498	287.36572	0.271659	4	23.529
-5.28495	-1.30585	5.44389	195.87917	0.100582	5	29.412
6.15215	-10.46723	12.1133	308.44507	0.224166	6	35.294
-3.25754	0.45962	3.24118	171.97484	0.060778	7	41.176
-2.56780	2.67006	3.26452	141.78953	0.060384	8	47.059
6.14666	8.74707	6.19189	6.92974	0.114311	9	52.941
1.23416	-1.29679	1.79020	313.58228	0.033058	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 149
MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
12.15814					0	
-1.11794	38.14394	38.16031	91.67883	1.000000	1	5.882
3.30391	8.91007	9.50291	65.65486	0.249826	2	11.765
-16.83881	4.71309	19.41940	165.95486	0.500880	3	17.647
3.14601	-6.73817	7.43642	295.82759	0.194873	4	23.529
-8.38319	-5.60980	10.02063	216.84372	0.262595	5	29.412
4.76244	-11.33272	12.29275	292.79395	0.322134	6	35.294
-2.59183	3.16850	4.09353	129.28322	0.187272	7	41.176
-8.26516	1.33380	8.37196	178.83829	0.219389	8	47.059
8.22466	2.27047	8.53243	15.43571	0.223594	9	52.941
-3.86477	-1.76969	3.53901	218.88348	0.092741	10	58.824

TEXT NOT REPRODUCIBLE

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL HM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
172.91248					0	
-13.71002	10.04147	17.40164	141.01435	0.409991	1	5.002
42.21269	6.10540	42.64345	0.33419	1.000000	2	11.765
6.94356	-0.59031	6.57039	354.00176	0.154010	3	17.647
2.41009	-12.07049	13.10457	200.63574	0.307001	4	23.529
-9.73025	-2.63795	6.31283	204.70023	0.147960	5	29.412
6.40943	-9.37041	8.42725	320.20064	1.197520	6	35.294
-1.04731	0.00000	1.00117	170.00004	0.024639	7	41.176
-1.00450	-0.53100	1.06702	199.00002	0.046124	8	47.059
3.64799	1.54073	3.94313	23.00004	0.002093	9	52.941
0.02741	0.70532	0.70579	00.02577	0.010653	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL HM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
44.33029					0	
-9.77004	10.10007	19.03440	107.00003	1.000000	1	5.002
6.02479	7.01401	10.22501	40.13159	0.000000	2	11.765
-11.02154	2.70000	11.95400	100.00027	0.027790	3	17.647
6.73740	-9.01155	5.03014	277.23040	0.307440	4	23.529
-3.90104	-4.63095	5.94095	220.24000	0.312100	5	29.412
3.40027	-9.23003	6.17020	301.00070	0.304000	6	35.294
-3.95210	2.40002	4.42522	140.70105	0.240750	7	41.176
-3.00025	-1.71540	6.11504	190.20034	0.300000	8	47.059
6.03116	3.52173	7.33220	20.70020	0.304004	9	52.941
-4.01002	0.09510	4.02094	170.04470	0.211022	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL HM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
100.23020					0	
-2.00124	-3.19903	3.70004	230.40002	0.097299	1	5.002
30.07323	0.04147	30.00710	1.41070	1.000000	2	11.765
17.64755	5.41045	10.44004	17.07130	0.474732	3	17.647
2.37059	-15.52744	10.70000	270.70000	0.403044	4	23.529
-0.10937	-11.42093	12.90209	204.00004	0.333077	5	29.412
6.67130	3.17002	7.30004	20.47740	0.190041	6	35.294
3.30210	-0.72750	3.30000	347.37422	0.004954	7	41.176
1.60344	-3.71009	4.00000	200.34040	0.104090	8	47.059
-1.04303	2.40000	3.27000	120.35707	0.004320	9	52.941
-1.17403	1.91092	2.24470	121.55211	0.057725	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL HM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
162.34200					0	
-0.55000	7.27050	7.20134	94.32071	0.045962	1	5.002
5.05579	4.40140	7.35732	36.74204	0.031023	2	11.765
-2.71000	3.00003	4.70100	123.31095	0.410554	3	17.647
-3.70004	-9.50000	6.60192	235.47995	0.501072	4	23.529
4.90450	-10.00000	11.20736	270.52197	1.000000	5	29.412
2.10443	7.00074	7.50002	73.40144	0.065212	6	35.294
-5.32142	0.00003	5.33037	170.53491	0.472705	7	41.176
0.50002	-7.60010	7.40030	274.23004	0.430044	8	47.059
1.34005	3.00041	6.05004	77.12347	0.330310	9	52.941
-0.00000	2.00000	6.30004	101.73403	0.364142	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
142.54150					0	
8.11907	-3.80458	9.00051	334.43091	0.417195	1	5.882
21.48434	-1.96352	21.57387	354.77800	1.000000	2	11.765
15.96736	4.47623	16.58292	15.44010	0.760658	3	17.647
3.71412	-7.19927	8.18088	297.28931	0.375405	4	23.529
-6.64291	-13.79477	15.31091	244.28645	0.709697	5	29.412
3.72435	0.99070	3.05387	14.00099	0.178836	6	35.294
4.28181	3.76924	5.78448	41.35721	0.804416	7	41.176
1.85793	-2.00721	2.79435	311.67303	0.129829	8	47.059
-1.46448	-2.50356	2.98843	239.67409	0.134442	9	52.941
-1.78469	1.95615	2.64795	132.37572	0.122739	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
56.13492					0	
5.29939	3.82304	6.59446	35.00707	0.638400	1	5.882
-0.18068	-0.80501	0.19956	199.01005	0.819497	2	11.765
4.82973	-1.15284	4.96586	346.56372	0.485132	3	17.647
2.82400	-0.99393	2.29400	333.04546	0.228296	4	23.529
3.84568	-9.77286	10.23549	287.31079	1.000000	5	29.412
2.84712	3.73404	4.49565	52.67525	0.458733	6	35.294
-0.51854	4.44382	4.47317	96.65695	0.437817	7	41.176
-1.52897	-4.88429	4.28613	249.18641	0.418743	8	47.059
2.17578	-1.25613	2.51235	330.08122	0.245498	9	52.941
-2.27983	3.97115	4.57786	119.81670	0.447166	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
150.48714					0	
12.92442	-12.56292	18.02408	315.81250	0.969788	1	5.882
16.67490	-4.88748	17.37640	343.64382	0.954144	2	11.765
18.20935	0.28152	18.21152	0.00574	1.000000	3	17.647
9.82831	-3.28955	10.33989	341.91479	0.967723	4	23.529
-9.31423	-15.47866	18.05812	238.94968	0.991577	5	29.412
0.37970	-5.89757	5.11169	276.25977	0.288685	6	35.294
6.09943	4.74180	7.72578	37.86212	0.424225	7	41.176
3.01961	2.62142	3.99873	40.96234	0.219572	8	47.059
-1.48194	-4.93216	5.14987	293.28859	0.282781	9	52.941
-1.56152	-2.09568	2.61347	233.30963	0.143506	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
 MODEL XM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
56.84634					0	
18.10477	26.23626	31.87666	55.39169	1.000000	1	5.882
-4.14861	0.64239	4.26115	178.92847	0.131794	2	11.765
5.63181	-7.81524	9.47182	306.48871	0.297114	3	17.647
5.99220	1.08995	2.08698	18.12389	0.190954	4	23.529
-0.48242	-9.57661	9.58895	267.11621	0.388814	5	29.412
2.22052	-4.07885	4.64411	298.56372	0.145698	6	35.294
3.47632	5.88817	6.09644	55.23427	0.191251	7	41.176
-2.54885	2.68881	3.73835	134.02581	0.117275	8	47.059
0.80344	-4.41185	4.41185	278.04712	0.130484	9	52.941
1.40253	0.02785	1.40281	1.13737	0.044887	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
73.34701					0	
7.14172	-10.24027	12.51253	304.91528	1.000000	1	5.882
6.45196	-3.44208	7.31271	331.92017	0.584431	2	11.765
9.51472	-1.55438	9.64085	350.72168	0.770496	3	17.647
7.01787	-0.49061	7.03503	356.00098	0.562236	4	23.529
-3.15930	-7.45418	9.06510	235.31149	0.724514	5	29.412
-1.17443	-4.45510	4.60734	255.22949	0.368219	6	35.294
3.54891	1.84159	4.01604	27.29408	0.320961	7	41.176
2.01243	3.10629	3.70120	57.06252	0.295808	8	47.059
-1.00046	-2.56885	2.75679	248.72115	0.220323	9	52.941
-0.51909	-2.88437	2.93071	259.79785	0.234222	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.83574					0	
13.61173	22.15103	25.99898	58.42937	1.000000	1	5.882
-3.04336	1.02144	3.21028	161.44353	0.123477	2	11.765
2.20019	-5.74701	6.18283	291.64111	0.237811	3	17.647
3.51270	0.94506	3.63761	15.05839	0.139914	4	23.529
-1.33734	-4.27795	4.48211	252.64009	0.172396	5	29.412
0.44797	-4.53037	4.55246	275.64497	0.175102	6	35.294
2.79748	1.71703	5.28239	31.54074	0.126251	7	41.176
-0.98330	3.73105	3.85845	104.76439	0.148408	8	47.059
-1.50659	-2.39941	2.83319	237.87524	0.108973	9	52.941
1.86595	-2.14697	2.84451	310.99414	0.109408	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.79677					0	
0.37785	-0.86046	1.03648	303.88354	1.000000	1	5.882
0.48835	-0.28511	0.56549	329.72290	0.545581	2	11.765
0.75968	-0.14362	0.77314	349.29419	0.745929	3	17.647
0.58206	-0.02468	0.58258	357.57227	0.562076	4	23.529
-0.41575	-0.58874	0.72073	234.77135	0.695364	5	29.412
-0.10955	-0.37684	0.39244	253.79068	0.378627	6	35.294
0.20941	0.14090	0.32189	25.95847	0.310557	7	41.176
0.16550	0.26798	0.21497	58.30074	0.303884	8	47.059
-0.08206	-0.20610	0.22184	248.28877	0.214010	9	52.941
-0.03823	-0.25045	0.25335	261.32056	0.244431	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL RM-51A SHIP 1002C TEST 504 OSC CTR 269 TEST COND 11 COMP RUN 62.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.63777					0	
1.13463	1.86437	2.18249	58.67596	1.000000	1	5.882
-0.25381	0.08869	0.26886	160.73961	0.123191	2	11.765
0.17553	-0.47982	0.51092	290.09424	0.234100	3	17.647
0.28618	0.08047	0.29728	15.70586	0.136213	4	23.529
-0.11967	-0.33348	0.35430	250.26007	0.162339	5	29.412
0.02810	-0.39002	0.39103	274.12036	0.179166	6	35.294
0.23529	0.12805	0.26787	28.55522	0.122738	7	41.176
-0.07518	0.32493	0.33352	103.02805	0.152815	8	47.059
-0.13670	-0.19407	0.23738	234.84012	0.108764	9	52.941
0.16240	-0.19538	0.25406	309.73315	0.116410	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL TM-51A SHIP 1002C TEST 505 USC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.64508					C	
-0.13792	0.47996	0.49938	106.03223	1.000000	1	5.848
0.06616	0.15488	0.16842	66.86809	0.337249	2	11.696
0.05317	-0.01703	0.05583	342.23730	0.111741	3	17.544
0.04652	0.03720	0.05936	38.65018	0.119270	4	23.392
0.05925	0.01586	0.06133	14.98721	0.122815	5	29.240
0.01040	0.06333	0.06418	80.67201	0.128509	6	35.088
-0.01808	0.06147	0.06408	106.38800	0.128308	7	40.936
-0.03808	0.00992	0.03933	165.38872	0.078765	8	46.784
-0.01203	0.00532	0.01316	156.15718	0.026343	9	52.632
-0.00118	0.00005	0.00118	177.54623	0.002359	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL TM-51A SHIP 1002C TEST 505 USC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.88017					C	
0.12950	0.67827	0.49052	79.19106	1.000000	1	5.848
-0.06652	0.38821	0.39587	99.72337	0.570393	2	11.696
0.01109	0.14682	0.14724	85.67897	0.213226	3	17.544
-0.00732	0.12313	0.12335	93.40353	0.178629	4	23.392
0.01803	-0.01773	0.04182	295.53955	0.060562	5	29.240
-0.00538	-0.05885	0.05114	263.95117	0.074053	6	35.088
0.01558	-0.05909	0.06.11	284.77197	0.088498	7	40.936
0.02899	-0.01060	0.03087	339.92407	0.044706	8	46.784
-0.01222	-0.03985	0.04169	252.95149	0.060369	9	52.632
-0.03170	0.02760	0.04203	139.95032	0.060874	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
MODEL TM-51A SHIP 1002C TEST 505 USC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.48618					C	
-0.70554	2.32081	2.42569	106.90961	1.000000	1	5.848
0.31741	0.74320	0.80814	66.87323	0.333159	2	11.696
0.25028	-0.07993	0.26273	342.28857	0.108311	3	17.544
0.21638	0.19761	0.29303	42.40472	0.120804	4	23.392
0.26919	0.08420	0.28205	17.36888	0.116276	5	29.240
0.03975	0.30288	0.30547	82.92380	0.125932	6	35.088
-0.08837	0.29412	0.30711	106.72339	0.124407	7	40.936
-0.17830	0.03631	0.18698	162.47360	0.077085	8	46.784
-0.05567	0.03337	0.06501	148.91336	0.026800	9	52.632
-0.00251	0.00814	0.00851	107.13583	0.003510	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
MODEL TM-51A SHIP 1002C TEST 505 USC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
27.59049					C	
0.64480	3.09630	3.16273	78.23625	1.000000	1	5.848
-0.29010	1.82563	1.84853	99.02910	0.584473	2	11.696
0.08515	0.67803	0.68336	82.84210	0.216065	3	17.544
-0.02880	0.58178	0.58249	92.83456	0.154174	4	23.392
0.09637	-0.18154	0.20554	297.95996	0.044987	5	29.240
-0.01721	-0.22900	0.22965	269.70142	0.0577610	6	35.088
0.07194	-0.26583	0.27540	285.16233	0.0.075	7	40.936
0.13229	-0.04913	0.14112	339.62622	0.044619	8	46.784
-0.05179	-0.18336	0.19053	254.22797	0.060242	9	52.632
-0.15435	0.13721	0.20652	138.36401	0.049297	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL HM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.C

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.27681					0	
-1.92056	5.74867	6.06100	108.47383	1.000000	1	5.848
0.77500	1.81552	1.97401	66.88354	0.325691	2	11.696
0.58954	-0.18713	0.61853	342.38969	0.102050	3	17.544
0.49774	0.56883	0.75585	48.81334	0.124708	4	23.392
0.58946	0.24215	0.63726	22.33290	0.105141	5	29.240
0.05124	0.73535	0.73714	86.01350	0.121620	6	35.088
-0.22317	0.71459	0.74863	107.34363	0.123516	7	40.936
-0.41598	0.17673	0.45197	156.98163	0.074570	8	46.784
-0.12667	0.11826	0.17329	136.96664	0.028591	9	52.632
0.00892	0.05545	0.05603	81.77260	0.009244	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL HM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
64.57433					0	
1.68083	6.85007	7.05327	76.21349	1.000000	1	5.848
-0.57746	4.29189	4.33056	97.66307	0.613979	2	11.696
0.35185	1.53658	1.57635	77.10245	0.223492	3	17.544
-0.04182	1.38003	1.38066	91.73561	0.195748	4	23.392
0.27979	-0.44576	0.52630	302.11499	0.074617	5	29.240
-0.00308	-0.49181	0.49182	269.64087	0.069729	6	35.088
0.16298	-0.56953	0.59239	285.96973	0.083988	7	40.936
0.29231	-0.11226	0.31312	330.99170	0.044394	8	46.784
-0.09559	-0.41231	0.42325	256.94751	0.060807	9	52.632
-0.38707	0.35658	0.52628	137.34747	0.074615	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 58
 MODEL HM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
36.97379					0	
-5.85832	13.18822	14.42759	113.92220	1.000000	1	5.848
1.69873	3.94769	4.29767	66.71727	0.297878	2	11.696
1.04957	-0.28769	1.08828	344.67114	0.075431	3	17.544
0.76719	1.97351	2.11739	68.75671	0.146760	4	23.392
0.63424	0.84166	1.05371	52.99355	0.073035	5	29.240
-0.32249	1.53509	1.56859	101.86407	0.108722	6	35.088
-0.55781	1.50860	1.60842	110.29282	0.111482	7	40.936
-0.72579	0.74704	1.04121	134.15392	0.072168	8	46.784
-0.18838	0.59541	0.62458	107.55701	0.043285	9	52.632
0.14977	0.45372	0.47780	71.73206	0.033117	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 58
 MODEL HM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
113.63254					0	
4.59245	7.87184	9.11378	59.73781	1.000000	1	5.848
0.01917	7.72953	7.72954	89.85779	0.048117	2	11.696
2.09993	2.22780	3.06892	46.68217	0.335856	3	17.544
0.16530	2.68176	2.68788	86.36473	0.286051	4	23.392
1.01587	-1.01252	1.43372	315.07202	0.157313	5	29.240
0.33317	-0.42567	0.54855	308.05005	0.059311	6	35.088
0.28882	-0.49782	0.53984	292.75635	0.059233	7	40.936
0.35882	-0.16464	0.39486	335.38347	0.043238	8	46.784
0.08281	-0.55256	0.55873	278.52319	0.061306	9	52.632
-0.92794	0.98035	1.34987	133.42683	0.148113	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 905 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
58.85596					0	
-7.90727	11.41025	13.88232	124.72186	1.000000	1	5.848
1.29182	2.99501	3.26173	66.66832	0.234954	2	11.696
0.38490	-0.04649	0.38770	353.11230	0.027927	3	17.544
0.00892	3.01577	3.01578	89.83037	0.217239	4	23.392
-0.75741	1.28322	1.49008	120.55098	0.107336	5	29.240
-1.07711	1.07030	1.51845	135.18179	0.109380	6	35.088
-0.55761	1.06904	1.20572	117.54651	0.086853	7	40.936
-0.17811	1.77362	1.28894	98.84152	0.092848	8	46.784
0.02578	1.10743	1.10773	88.66612	0.079794	9	52.632
0.36964	0.98823	1.05509	69.49214	0.076003	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 905 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
34.88873					0	
5.36692	-7.14448	8.93574	306.91382	1.000000	1	5.848
2.41604	2.80749	3.73395	49.28571	0.414509	2	11.696
4.19010	-0.47242	4.21665	353.56714	0.471886	3	17.544
0.63586	1.22212	1.37764	62.51228	0.154172	4	23.392
1.56853	-0.82140	1.77059	332.35986	0.198147	5	29.240
7.94381	0.90702	1.30980	43.86125	0.146490	6	35.088
-0.08735	1.06377	1.06735	94.69417	0.119447	7	40.936
-0.28043	0.01936	0.28110	176.05162	0.031458	8	46.784
0.62320	0.23126	0.66472	20.39886	0.074389	9	52.632
-0.88114	1.13377	1.43591	127.85365	0.160693	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 905 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
91.86365					0	
-10.95442	10.17502	14.95093	137.11252	1.000000	1	5.848
0.84693	2.22990	2.38532	69.20276	0.199343	2	11.696
0.33136	-0.41640	0.53215	308.51196	0.035593	3	17.544
-0.01394	4.38999	4.39001	90.18199	0.293628	4	23.392
-1.36717	1.85143	2.30147	126.44264	0.153935	5	29.240
-1.72278	1.00937	1.66390	142.65388	0.111291	6	35.088
-0.41218	0.85644	0.95046	115.78039	0.063572	7	40.936
0.22853	1.54325	1.56007	81.57649	0.104346	8	46.784
0.17726	1.34090	1.35246	82.46954	0.097467	9	52.632
0.47660	1.23360	1.32746	68.87584	0.080454	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 905 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-10.93110					0	
6.29091	-10.90662	12.99087	299.97607	1.000000	1	5.848
2.93459	0.02079	2.93467	0.40594	0.233879	2	11.696
5.26749	-2.12571	5.68023	338.02319	0.451139	3	17.544
1.02878	0.50292	1.14513	26.05194	0.098949	4	23.392
1.96765	-0.26493	1.98540	352.33154	0.157886	5	29.240
1.61454	1.53050	2.22467	43.46947	0.176889	6	35.088
0.14452	2.01003	2.01678	85.30927	0.160178	7	40.936
-0.78952	-0.00807	0.78956	180.58574	0.062709	8	46.784
0.90913	0.54282	1.05885	30.84071	0.084097	9	52.632
-0.86046	1.08714	1.38646	128.36147	0.110116	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
93.78369					C	
-9.85773	5.17774	11.13480	152.28944	1.000000	1	5.848
-0.06863	0.73169	0.73491	95.35872	0.068001	2	11.696
0.81672	-1.29407	1.53024	302.25684	0.137429	3	17.544
0.73349	4.01994	4.08631	79.65933	0.366985	4	23.392
-0.46741	1.65044	1.71539	105.81192	0.154057	5	29.240
-0.43728	0.94879	1.04470	114.74417	0.093823	6	35.088
0.02931	0.52705	0.52787	86.81677	0.047407	7	40.936
0.37022	0.81921	0.89898	65.68068	0.080736	8	46.784
0.14963	0.65158	0.66854	77.06682	0.060040	9	52.632
0.23470	0.58539	0.63069	68.15237	0.056641	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-10.46851					C	
4.35787	2.97203	5.27484	34.79370	1.000000	1	5.848
0.09263	-0.09487	0.13259	314.31421	0.025136	2	11.696
2.78908	-1.51531	3.17414	331.48462	0.601750	3	17.544
0.83271	0.36189	0.90795	23.48917	0.172129	4	23.392
1.23188	0.70142	1.41757	29.65695	0.268742	5	29.240
1.53966	0.59409	1.65030	71.09950	0.312863	6	35.088
0.87699	1.28961	1.55955	55.78244	0.295659	7	40.936
-0.75852	-0.23286	0.79346	197.06644	0.150423	8	46.784
0.46182	0.05370	0.46493	6.63196	0.088141	9	52.632
-0.51016	0.33129	0.60829	147.00049	0.115319	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
72.28889					C	
-6.68825	1.45133	6.84391	167.75681	1.000000	1	5.848
-0.66911	-0.21953	0.70420	198.16418	0.102894	2	11.696
0.94552	-1.56866	1.83158	301.07983	0.267623	3	17.544
0.94178	2.75978	2.91604	71.15761	0.426079	4	23.392
0.19753	1.07384	1.09186	79.57727	0.159537	5	29.240
0.13218	0.72232	0.73431	78.62967	0.107294	6	35.088
0.20868	7.74502	0.32185	4.57990	0.047027	7	40.936
0.27290	0.19997	0.33832	36.23262	0.049434	8	46.784
0.05806	0.09345	0.11002	58.14719	0.016075	9	52.632
0.02949	0.05448	0.05195	61.57175	0.009051	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-1.10794					C	
2.01549	10.88519	11.07021	79.50989	1.000000	1	5.848
-7.52457	0.30318	1.58419	168.82376	0.141297	2	11.696
0.65407	-0.62872	0.90722	316.13013	0.081952	3	17.544
0.48475	0.30474	0.57258	32.15579	0.051723	4	23.392
0.42292	0.95578	1.04517	66.13124	0.094413	5	29.240
1.04737	-0.20631	1.06749	348.85620	0.096429	6	35.088
1.00251	0.48056	1.11174	25.61115	0.100426	7	40.936
-0.52257	-0.26423	0.58648	206.99689	0.052978	8	46.784
0.03950	-0.29303	0.29568	277.67676	0.026709	9	52.632
-0.23884	-0.18249	0.30058	217.38205	0.027152	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 1A COMP RUN 66.0

AJ	HJ	CJ	PHJC	CJ/CJMAX	J	FREQUENCY
76.82947					0	
-0.11150	0.51511	6.13317	175.19222	1.000000	1	5.848
-1.17600	-0.76824	1.40302	213.19391	0.228759	2	11.696
1.72594	-2.10121	2.33830	294.02441	0.381254	3	17.544
0.91112	2.50520	2.46574	70.01407	0.434643	4	23.392
0.37409	0.84914	0.92784	66.27430	0.151291	5	29.240
0.16329	0.16559	0.72424	76.96588	0.119096	6	35.088
0.14367	0.07794	0.16340	28.44458	0.028642	7	40.936
1.13137	-0.03581	0.13617	344.74316	0.022202	8	46.784
-0.05375	-0.14775	0.15722	250.01074	0.025635	9	52.632
-0.06364	-0.21573	0.22412	253.56748	0.036672	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 1A COMP RUN 66.0

AJ	HJ	CJ	PHJC	CJ/CJMAX	J	FREQUENCY
-4.70195					0	
0.60259	15.46423	15.47597	87.76846	1.000000	1	5.848
-2.09085	0.49731	2.14688	166.88033	0.138724	2	11.696
-0.03199	-0.44979	0.45092	265.93091	0.079137	3	17.544
0.42616	0.33462	0.54170	38.12230	0.039003	4	23.392
-0.12199	0.44741	0.95721	97.32182	0.061852	5	29.240
0.86813	-0.70473	1.11785	320.95068	0.072231	6	35.088
0.96403	0.27741	1.00215	16.05377	0.064820	7	40.936
-0.55692	-0.17916	0.58503	197.83258	0.057803	8	46.784
-0.24997	-0.49089	0.55087	243.01405	0.035595	9	52.632
-0.25721	-0.48517	0.54590	242.71709	0.035274	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 14C
 MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 1A COMP RUN 66.0

AJ	HJ	CJ	PHJC	CJ/CJMAX	J	FREQUENCY
163.41080					0	
-0.61206	-0.18998	0.61394	181.13228	1.000000	1	5.848
-4.36034	-2.88671	5.22935	213.50574	0.543934	2	11.696
1.92314	-5.54391	5.86947	289.18652	0.610565	3	17.544
0.71745	3.95915	4.02725	79.44464	0.418897	4	23.392
0.43435	0.76934	0.90289	60.91479	0.093915	5	29.240
-0.42693	1.14637	1.22328	110.42656	0.127241	6	35.088
-0.36115	-0.36299	0.51204	225.14603	0.053260	7	40.936
-0.38108	-0.30988	0.51250	223.99527	0.055389	8	46.784
-0.51034	-0.55365	0.77530	228.83356	0.080643	9	52.632
-0.27588	-0.84677	0.89059	251.95445	0.092634	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 14C
 MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 1A COMP RUN 66.0

AJ	HJ	CJ	PHJC	CJ/CJMAX	J	FREQUENCY
-25.12553					0	
-3.34118	33.65235	34.11535	95.62025	1.070000	1	5.848
-1.39850	1.03462	3.55250	163.06793	0.104129	2	11.696
-0.74140	-0.98363	1.3159	232.98763	0.036100	3	17.544
0.67828	0.49497	0.83382	35.56500	0.024441	4	23.392
-1.87705	0.91968	2.03024	113.89651	0.061269	5	29.240
0.95712	-2.47513	2.65374	291.14111	0.077785	6	35.088
0.93487	0.47975	1.02892	74.68779	0.030159	7	40.936
-1.26741	0.29451	1.30234	166.89975	0.038174	8	46.784
-1.20276	-1.22549	1.71746	225.54791	0.053347	9	52.632
-0.79811	-1.55517	1.74889	247.86822	0.051263	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
 MODEL XM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
105.26019					0	
-3.56134	-4.85301	6.03139	233.57407	0.951351	1	5.848
-5.67819	-2.81983	6.33962	206.40929	1.000000	2	11.696
1.78775	-4.55243	4.89088	291.43994	0.771454	3	17.544
-0.11620	1.93755	1.04103	93.43228	0.306165	4	23.392
0.01860	-0.04414	0.04790	292.84692	0.007555	5	29.240
-0.40872	0.30278	0.50065	143.44854	0.080232	6	35.088
-0.26079	-0.32585	0.41734	231.32797	0.065832	7	40.936
-0.32532	-0.17922	0.37142	208.85068	0.058586	8	46.784
-0.29688	-0.04327	0.30081	188.29214	0.04737	9	52.632
-0.04981	-0.13282	0.14186	249.44383	0.022375	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
 MODEL XM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
95.01415					0	
-3.73269	20.29944	20.43976	100.41936	1.000000	1	5.848
-0.58600	0.99942	1.15757	120.30301	0.896005	2	11.696
-1.36246	-0.43066	1.43154	197.84663	0.869349	3	17.544
0.17048	0.37262	0.48977	294.58545	0.810853	4	23.392
-1.94011	0.80438	1.54812	179.63690	0.874419	5	29.240
0.31304	-1.96809	1.98306	279.89668	0.896176	6	35.088
0.18709	-0.05187	2.19470	344.79224	0.889433	7	40.936
-0.63626	0.55159	2.04207	139.87735	0.848798	8	46.784
-0.50303	-0.86957	1.88459	239.95123	0.848672	9	52.632
-0.56981	-1.04419	1.22488	242.27525	0.859942	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
 MODEL XM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
92.98789					0	
-0.28128	-14.94914	14.95178	266.92100	1.000000	1	5.848
-11.30978	-3.83937	12.01940	198.62848	0.893882	2	11.696
3.78607	-5.15583	6.39710	306.29663	0.427849	3	17.544
-0.12147	1.88740	1.89131	93.67290	0.126494	4	23.392
-0.14048	-0.17420	0.38255	215.57330	0.012209	5	29.240
0.17755	-0.27406	0.38494	302.93799	0.021840	6	35.088
0.45784	0.13507	0.47735	16.43708	0.031926	7	40.936
0.29074	0.27426	0.39969	43.37898	0.626732	8	46.784
0.17025	0.98802	0.99706	79.64310	0.866685	9	52.632
0.22552	1.20900	1.22592	79.37963	0.881992	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
 MODEL XM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
221.76234					0	
-1.89612	14.40881	14.23838	97.49472	1.000000	1	5.848
0.78743	1.69990	1.83492	64.61685	0.129884	2	11.696
-2.47774	0.87674	2.57800	178.29471	0.101223	3	17.544
-0.61896	-1.88809	1.90125	251.79550	0.139227	4	23.392
-0.43755	0.19410	0.45745	182.85354	0.032146	5	29.240
0.49973	-1.94086	1.88749	286.61890	0.112962	6	35.088
0.44543	-0.72828	0.85373	381.46484	0.059994	7	40.936
-0.83828	0.53307	0.53367	93.25125	0.837517	8	46.784
1.67273	-0.75254	1.88952	311.88322	0.878941	9	52.632
-0.32176	-0.74648	0.79817	243.89878	0.856089	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
63.0910A					0	
0.23474	-2.54317	2.54617	271.43311	0.730647	1	5.848
-12.65105	-3.26414	13.06536	194.46753	1.000000	2	11.696
4.63341	-2.69141	5.35839	329.84888	0.410172	3	17.544
-0.14284	2.06464	2.06963	93.95859	0.158406	4	23.392
-0.29968	0.68049	0.74355	113.76794	0.056910	5	29.240
-0.31107	0.53117	0.45431	133.21324	0.034772	6	35.088
0.16585	0.56749	0.59123	73.70877	0.045251	7	40.936
0.29407	0.50543	0.58475	59.80801	0.044756	8	46.784
-0.12485	0.77540	0.78538	99.14696	0.060112	9	52.632
-0.44685	0.82804	0.94095	118.35259	0.072019	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.33545					0	
0.61683	4.97772	5.01579	82.93591	1.000000	1	5.848
-2.31439	1.13453	3.12743	158.72780	0.623516	2	11.696
-0.18284	-0.35477	0.39911	242.73468	0.079570	3	17.544
-1.60770	-1.88471	2.61149	226.19467	0.520654	4	23.392
0.05687	0.83163	0.83358	86.08780	0.166190	5	29.240
0.22062	-0.40529	0.46145	798.56226	0.091999	6	35.088
0.13214	-0.35200	0.37599	290.57806	0.074961	7	40.936
0.04062	0.10729	0.11472	49.26379	0.022872	8	46.784
-0.24112	-0.20667	0.34891	216.32172	0.069563	9	52.632
-0.44103	-0.56551	0.71715	732.04974	0.142979	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
62.27277					0	
1.36948	-12.83506	12.90797	276.09253	0.765594	1	5.848
-16.60393	-2.42913	16.84029	190.00473	1.000000	2	11.696
5.06240	-2.36282	5.56854	334.89258	0.330276	3	17.544
0.02395	2.61033	2.61044	89.47432	0.154828	4	23.392
-0.52179	0.36604	0.43681	144.91245	0.037770	5	29.240
-0.47598	0.13098	0.49365	164.62567	0.029275	6	35.088
0.34835	0.54970	0.49359	45.11050	0.029275	7	40.936
0.46589	0.36487	0.59173	38.06258	0.035096	8	46.784
0.4995	0.72071	0.72140	84.22568	0.042787	9	52.632
-0.52468	0.85933	1.00599	121.43655	0.059666	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 505 CSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
50.82706					0	
3.26548	12.64591	13.06077	75.52106	1.000000	1	5.848
-10.04970	-0.63327	10.07961	183.60178	0.771750	2	11.696
-0.04005	-1.72160	1.92215	268.62573	0.147170	3	17.544
-1.16495	-0.03990	1.16564	181.96134	0.289247	4	23.392
-0.86335	1.92607	2.11067	114.14464	0.161604	5	29.240
-1.22577	-0.74115	1.43247	211.15890	0.109674	6	35.088
0.12940	0.08652	0.15600	33.68452	0.011944	7	40.936
-0.64632	1.37070	1.53743	116.93706	0.117714	8	46.784
-0.90144	0.46319	1.01347	132.80463	0.077597	9	52.632
-0.51031	-0.70519	0.55001	201.90453	0.042112	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
28.46878					0	
1.24459	-8.22957	8.32315	278.59985	0.912928	1	5.848
-9.04173	-1.16904	9.11699	187.36713	1.000000	2	11.696
2.30144	-1.15566	2.57530	333.33667	0.282473	3	17.544
0.10155	1.34002	1.34386	85.66629	0.147401	4	23.392
-0.31724	-0.10801	0.33512	198.80220	0.036758	5	29.240
-0.18469	-0.15449	0.24079	219.91122	0.026411	6	35.088
0.31573	0.00598	0.31579	1.08531	0.036638	7	40.936
0.31590	0.07582	0.32487	13.49727	0.035634	8	46.784
0.16419	0.35311	0.37026	64.79668	0.042806	9	52.632
-0.15642	0.49299	0.51721	107.60426	0.056730	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
33.67191					0	
2.30475	9.97321	10.28293	75.90181	1.000000	1	5.848
-7.26775	-1.05957	7.34459	188.29477	0.714250	2	11.696
-0.31799	-1.51139	1.54441	8.11841	0.150198	3	17.544
-0.04707	0.84141	0.84272	3.20197	0.081954	4	23.392
-0.82410	1.27804	1.52072	2.81398	0.147887	5	29.240
-1.20299	-0.59682	1.34290	206.38669	0.130595	6	35.053
0.11046	0.17497	0.20692	57.73569	0.020123	7	40.936
-0.63975	1.26218	1.41506	116.87857	0.137612	8	46.784
-0.98239	0.47039	0.68823	136.88396	0.066936	9	52.632
-0.22283	0.10855	0.24446	155.71321	0.023774	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.24498					0	
0.10524	-0.67333	0.68151	278.88354	0.938803	1	5.848
-0.72670	-0.08931	0.73217	187.88612	1.000000	2	11.696
0.18029	-0.09111	0.20200	333.19141	0.275896	3	17.544
0.00910	0.10488	0.10726	85.13541	0.144503	4	23.392
-0.02587	-0.01183	0.02645	204.57457	0.033856	5	29.240
-0.01417	-0.01469	0.02641	226.04895	0.037878	6	35.088
0.02643	-0.00144	0.02667	356.89722	0.036427	7	40.936
0.82407	0.00480	0.02646	10.44616	0.036133	8	46.784
0.01482	0.02788	0.03157	62.00565	0.043121	9	52.632
-0.01132	0.03976	0.04134	165.88792	0.056458	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 505 OSC CTR 354 TEST COND 16 COMP RUN 66.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.88473					0	
0.20932	0.83353	0.89941	75.90317	1.000000	1	5.848
-0.60390	-0.09289	0.61108	188.74461	0.716950	2	11.696
-0.02024	-0.12654	0.12965	257.41699	0.150861	3	17.544
0.08233	0.07690	0.07694	88.26788	0.089523	4	23.392
-0.07881	0.18527	0.12642	123.82479	0.147104	5	29.240
-0.10245	-0.06989	0.11395	205.96481	0.132588	6	35.088
0.39924	0.01332	0.01886	59.24620	0.021015	7	40.936
-0.09422	0.10489	0.11985	116.89857	0.139460	8	46.784
-0.04072	0.04821	0.05723	135.36569	0.066591	9	52.632
-0.01735	0.01034	0.02020	149.21666	0.023305	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF				LIFT AT MEAN SPAN STATION 29			
MODEL	HM-S1A	SHIP 1002C	TEST 503	CSC CTR 351	TEST COND 19	COMP RUN	AO.0
AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
0.46719					C		
0.11975	0.06137	0.13456	27.13469	0.719091	1	5.952	
0.17401	0.06991	0.18712	21.57631	1.000000	2	11.905	
-0.05768	0.02361	0.06233	157.73541	0.333078	3	17.857	
0.05591	0.02746	0.06229	26.15749	0.332881	4	23.810	
-0.04443	-0.00197	0.04447	142.54471	0.237653	5	29.762	
-0.02532	-0.00449	0.02571	190.04085	0.137402	6	35.714	
-0.02268	0.01435	0.02684	147.68608	0.143442	7	41.667	
-0.02758	-0.00143	0.02761	182.96469	0.147565	8	47.619	
-0.00754	-0.01674	0.01836	245.74789	0.098124	9	53.571	
-0.00320	-0.00917	0.00971	250.73982	0.051885	10	59.524	

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29				LIFT AT MEAN SPAN STATION 29			
MODEL	HM-S1A	SHIP 1002C	TEST 503	CSC CTR 351	TEST COND 19	COMP RUN	AO.0
AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
1.73410					C		
0.46540	0.25050	0.52853	28.79141	1.000000	1	5.952	
0.04067	-0.05296	0.05678	307.52173	0.126350	2	11.905	
-0.00173	-0.02367	0.02353	265.79517	0.044524	3	17.857	
-0.11259	-0.03407	0.11764	196.83449	0.222570	4	23.810	
-0.06245	0.06455	0.08981	134.05020	0.169931	5	29.762	
0.00772	-0.03540	0.03547	273.59326	0.067105	6	35.714	
-0.03459	-0.07136	0.07930	244.14203	0.150038	7	41.667	
0.04540	-0.03213	0.05562	324.71582	0.105232	8	47.619	
-0.03591	-0.03772	0.05208	226.40783	0.098539	9	53.571	
-0.00321	-0.05075	0.05085	266.38647	0.096218	10	59.524	

HARMONIC ANALYSIS OF				LIFT AT MEAN SPAN STATION 36			
MODEL	HM-S1A	SHIP 1002C	TEST 503	CSC CTR 351	TEST COND 19	COMP RUN	AO.0
AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
2.4257					C		
0.62246	0.30556	0.69341	28.14609	0.769998	1	5.952	
0.04369	0.31489	0.00034	20.46690	1.000000	2	11.905	
-0.29303	0.09387	0.30770	162.23758	0.341681	3	17.857	
0.28126	0.12215	0.30664	23.47562	0.340512	4	23.810	
-0.70798	-0.01672	0.20865	184.59756	0.231694	5	29.762	
-0.11076	-0.02544	0.11364	192.93735	0.126191	6	35.714	
-0.10622	0.06650	0.12531	147.95024	0.139155	7	41.667	
-0.12926	-0.00767	0.12949	181.39362	0.143793	8	47.619	
-0.03698	-0.07654	0.08501	244.21060	0.094397	9	53.571	
-0.01280	-0.04210	0.04400	253.08902	0.048860	10	59.524	

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36				LIFT AT MEAN SPAN STATION 36			
MODEL	HM-S1A	SHIP 1002C	TEST 503	CSC CTR 351	TEST COND 19	COMP RUN	AO.0
AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
8.16533					C		
2.14635	1.16465	2.44197	28.48512	1.000000	1	5.952	
0.19690	-0.25918	0.37549	307.22437	0.133288	2	11.905	
-0.02530	-0.10547	0.10846	256.51123	0.044416	3	17.857	
-0.53647	-0.15335	0.55796	195.95267	0.228486	4	23.810	
-0.28703	0.30604	0.41958	133.16431	0.171819	5	29.762	
0.01297	-0.16300	0.16351	274.55103	0.066959	6	35.714	
-0.16994	-0.33657	0.37704	243.71005	0.154399	7	41.667	
0.20789	-0.15280	0.25800	323.68384	0.15652	8	47.619	
-0.16736	-0.17158	0.24233	226.77628	0.134	9	53.571	
-0.01197	-0.23753	0.23783	267.11426	0.099903	10	59.524	

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL XH-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
6.99643					C	
1.73619	0.79638	1.91012	24.64050	0.822823	1	5.952
2.10015	0.70023	2.21391	18.43925	1.000000	2	11.905
-0.78905	0.14167	0.80167	169.82149	0.362127	3	17.857
0.74553	0.75507	0.78796	18.88747	0.355929	4	23.810
-0.48457	-0.07355	0.49012	188.63065	0.221393	5	29.762
-0.22217	-0.07989	0.23610	199.77835	0.106650	6	35.714
-0.24757	0.15182	0.29041	148.48138	0.131183	7	41.667
-0.30196	-0.02235	0.30279	184.23325	0.136774	8	47.619
-0.09392	-0.16989	0.19412	241.06516	0.087688	9	53.571
-0.01969	-0.09435	0.09638	258.21338	0.043535	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL XH-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	PJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
19.24356					C	
4.85122	2.67615	5.54040	28.88313	1.000000	1	5.952
0.48876	-0.65579	0.81789	306.69678	0.147623	2	11.905
-0.13852	-0.22536	0.26453	238.42374	0.047745	3	17.857
-1.29326	-0.32891	1.33643	194.26938	0.240054	4	23.810
-0.64425	0.73087	0.97428	131.39577	0.175850	5	29.762
0.04211	-0.36719	0.36960	276.54175	0.086709	6	35.714
-0.43303	-0.79973	0.90593	241.44547	0.163513	7	41.667
-0.46287	-0.38707	0.59075	321.59472	0.106627	8	47.619
-0.37864	-0.41146	0.55781	227.53017	0.108681	9	53.571
-0.01889	-0.55312	0.55329	268.56104	0.099865	10	59.524

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL XH-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
23.12564					C	
5.32958	2.15355	5.74823	22.00235	1.000000	1	5.952
4.78748	0.89715	4.87081	10.61381	0.847359	2	11.905
-2.32267	-0.45812	2.36741	191.15764	0.411851	3	17.857
2.16901	0.16905	2.17559	4.45652	0.378479	4	23.810
-0.82850	-0.45711	0.94623	208.88693	0.164613	5	29.762
-0.04460	-0.33884	0.33384	267.32153	0.058076	6	35.714
-0.43906	0.23107	0.49526	152.18957	0.086159	7	41.667
-0.54082	-0.07205	0.54559	187.58865	0.094915	8	47.619
-0.23803	-0.19363	0.30684	219.12709	0.053379	9	53.571
0.06953	-0.11819	0.13711	300.46899	0.023853	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL XH-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
35.03743					C	
6.83528	4.02359	7.93160	30.48318	1.000000	1	5.952
1.13690	-1.61009	1.97103	305.22632	0.248503	2	11.905
-0.96836	-0.19022	0.98687	191.11325	0.124422	3	17.857
-2.64533	-0.31102	2.66355	186.70569	0.335815	4	23.810
-0.86250	1.45940	1.69521	120.50299	0.233729	5	29.762
0.19472	-0.51204	0.54782	290.82080	0.069068	6	35.714
-1.10685	-1.49106	1.85699	233.41254	0.234125	7	41.667
0.59240	-0.74720	0.93355	308.40845	0.120221	8	47.619
-0.54047	-0.68897	0.86938	231.56178	0.109609	9	53.571
0.12075	-0.95238	0.96801	277.22555	0.121035	10	59.524

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
34.63023					0	
7.67976	2.51139	8.07996	18.10845	1.000000	1	5.952
4.25666	-0.55679	4.29292	352.54761	0.531304	2	11.905
-3.04252	-1.90288	3.58857	212.02303	0.444133	3	17.857
2.70399	-0.64455	2.77975	345.59253	0.344630	4	23.810
-0.20044	-0.93329	0.95437	257.87066	0.118140	5	29.762
0.83366	-0.56690	1.00815	325.78345	0.124771	6	35.714
-0.12335	-0.01675	0.12449	187.73154	0.015407	7	41.667
-0.16810	-0.11426	0.20326	214.20445	0.025156	8	47.619
-0.24563	0.17150	0.29942	145.05576	0.037057	9	53.571
0.26459	0.06931	0.27326	14.47649	0.033820	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
13.72659					0	
-1.53350	-0.12608	1.93761	183.73097	0.905721	1	5.952
1.00342	-1.61568	1.40218	301.85522	0.489158	2	11.905
-2.09988	0.43963	2.13930	168.17387	1.000000	3	17.857
-1.69161	0.57756	1.78749	161.14874	0.835549	4	23.810
0.37895	0.81947	0.90296	65.18317	0.422036	5	29.762
0.33941	0.17012	0.37966	26.62073	0.177467	6	35.714
-1.16236	-0.65727	1.33532	209.48640	0.424186	7	41.667
-0.36056	-0.45885	0.58357	231.84006	0.272784	8	47.619
0.11597	-0.14079	0.19240	309.47778	0.085263	9	53.571
0.37369	-0.23357	0.44068	327.99316	0.205992	10	59.524

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
 MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
54.81366					0	
14.45716	3.17566	14.80183	12.38885	1.000000	1	5.952
5.25541	-1.73312	5.53381	341.74854	0.373860	2	11.905
-4.31627	-3.34630	5.46272	217.80208	0.369057	3	17.857
2.86546	-1.30636	3.14919	335.49170	0.212757	4	23.810
-1.18495	-1.18495	1.19161	276.06356	0.080504	5	29.762
1.53024	-0.81479	1.73340	331.98096	0.117107	6	35.714
0.21967	-0.22440	0.31403	314.39014	0.071215	7	41.667
0.24840	-0.29347	0.38448	31.24407	0.025975	8	47.619
-0.20080	0.19660	0.28102	135.60626	0.018985	9	53.571
0.31122	0.04984	0.31519	9.09874	0.021294	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
 MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.63443					0	
-6.15304	0.32245	6.16148	177.00315	1.000000	1	5.952
0.87774	-1.84623	2.04426	295.42749	0.331780	2	11.905
-3.20411	0.81813	3.31078	165.69345	0.537335	3	17.857
-1.10070	1.43629	1.80954	127.46494	0.293685	4	23.810
0.89026	0.05049	0.89169	3.24531	0.144721	5	29.762
0.12541	0.67233	0.74694	64.17311	0.121227	6	35.714
-1.10345	0.04214	1.10425	177.81322	0.179219	7	41.667
-1.03418	-0.11958	1.04107	186.59541	0.168965	8	47.619
0.36705	-0.18563	0.41132	333.17261	0.066756	9	53.571
0.40612	0.28477	0.49601	35.03825	0.080501	10	59.524

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1012C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
59.74038					C	
14.31865	2.68549	19.59439	7.91394	1.000000	1	5.952
5.76901	-1.66663	6.07492	343.89623	0.307475	2	11.905
-4.15726	-3.17536	5.23122	217.37257	0.268207	3	17.857
1.28220	-1.14130	1.75021	317.10445	0.089734	4	23.810
0.02417	-0.69779	0.69820	271.98364	0.035797	5	29.762
1.24899	-0.66683	1.41585	331.90234	0.072531	6	35.714
0.46722	-0.22513	0.51892	334.20850	0.026605	7	41.667
0.56415	-0.46132	0.72875	320.72632	0.037363	8	47.619
-0.03276	-0.27074	0.27272	263.10010	0.013982	9	53.571
0.04784	-0.19441	0.20449	243.53101	0.010484	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1012C TEST 503 USC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.03994					C	
-2.39456	5.68443	6.16870	112.84325	1.000000	1	5.952
0.44445	-1.50822	1.54712	282.86401	0.250821	2	11.905
-2.84528	0.51571	2.89165	169.72456	0.469801	3	17.857
-0.45281	1.50188	1.56866	106.77758	0.254314	4	23.810
0.24237	-0.84781	0.87505	246.07959	0.141844	5	29.762
-0.00983	0.58362	0.58370	90.96506	0.094631	6	35.714
-0.45465	0.47835	0.66340	133.85793	0.107552	7	41.667
-0.84499	0.26825	0.89655	162.38762	0.143729	8	47.619
-0.01278	-0.18784	0.78793	269.10693	0.127741	9	53.571
0.00530	0.36410	0.38814	89.21745	0.062926	10	59.524

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
49.90384					C	
17.69475	1.73957	17.77994	5.61149	1.000000	1	5.952
5.13884	-1.05144	5.24531	348.43604	0.295013	2	11.905
-3.03844	-2.24806	3.77967	216.49664	0.212590	3	17.857
0.01571	-0.84637	0.84651	271.06323	0.047611	4	23.810
-0.09288	-0.33099	0.34388	254.32076	0.019330	5	29.762
0.69246	-0.17981	0.78978	331.25513	0.044420	6	35.714
0.47645	-0.08995	0.48469	349.47505	0.027260	7	41.667
0.57822	-0.41742	0.71314	324.17477	0.040109	8	47.619
0.01663	-0.53009	0.53134	273.95312	0.029884	9	53.571
-0.12536	-0.27446	0.30173	245.45129	0.016970	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 503 USC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.57465					C	
0.53503	7.59256	7.61139	85.96907	1.000000	1	5.952
-0.07503	-1.01154	1.01437	265.75781	0.133269	2	11.905
-2.00917	0.17400	2.01669	175.05034	0.264957	3	17.857
-0.02480	1.06098	1.06127	91.33908	0.139432	4	23.810
-0.10847	-1.13093	1.13612	264.52100	0.149266	5	29.762
-0.70425	0.27911	0.34505	126.29404	0.045334	6	35.714
-0.04011	0.49901	0.49963	94.60417	0.065642	7	41.667
-0.42946	0.35742	0.55428	140.78703	0.072822	8	47.619
-0.25443	-0.96619	0.99912	255.24709	0.131267	9	53.571
-0.24141	0.27468	0.36569	131.31107	0.048045	10	59.524

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF				LIFT AT MEAN SPAN STATION 125			
MODEL	IN-51A	SHIP 1002C	TEST 503	CSC CTR 351	TEST COND 19	COMP RUN	60.0
AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
57.46175					0		
21.19641	1.77865	21.27090	4.79661	1.000000	1	5.952	
5.94028	-0.54788	5.96549	354.73022	0.280453	2	11.905	
-7.57170	-2.48226	3.57425	223.98615	0.168035	3	17.857	
-0.46772	-0.84696	1.28076	221.39911	0.060212	4	23.810	
-0.00363	-0.45034	0.45035	269.53760	0.021172	5	29.762	
0.21379	-0.29506	0.36408	305.86206	0.017116	6	35.714	
0.79184	0.16471	0.80879	11.75024	0.038023	7	41.667	
0.57299	-0.35966	0.67651	327.88403	0.031405	8	47.619	
0.02571	-0.87049	0.87078	271.69165	0.040939	9	53.571	
-0.22282	-0.30174	0.37510	233.55612	0.017634	10	59.524	

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125							
MODEL	IN-51A	SHIP 1002C	TEST 503	CSC CTR 351	TEST COND 19	COMP RUN	60.0
AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
5.42664					0		
-0.01514	9.30510	9.30511	90.09358	1.000000	1	5.952	
-0.73057	-0.85460	1.12431	229.47765	0.120877	2	11.905	
-2.10858	-0.19857	2.11700	185.11023	0.227509	3	17.857	
0.00087	1.10241	1.10654	85.28960	0.118918	4	23.810	
0.37590	-1.64148	1.68395	282.99526	0.180970	5	29.762	
-0.39295	-0.11470	0.40848	196.30717	0.043899	6	35.714	
0.17466	0.29975	0.60786	90.06664	0.065326	7	41.667	
-0.35297	0.32031	0.47664	137.77751	0.051223	8	47.619	
-0.21169	-1.24226	1.29961	260.62545	0.139666	9	53.571	
-0.48444	0.25905	0.54932	151.98129	0.059034	10	59.524	

HARMONIC ANALYSIS OF				LIFT AT MEAN SPAN STATION 140			
MODEL	IN-51A	SHIP 1002C	TEST 503	CSC CTR 351	TEST COND 19	COMP RUN	60.0
AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
141.93933					0		
50.67939	1.33878	50.19055	3.81425	1.000000	1	5.952	
15.49774	0.51770	15.60633	1.90098	0.310942	2	11.905	
-7.73479	-5.54039	6.68165	236.01591	0.133126	3	17.857	
-9.20518	-2.13861	4.71775	206.95631	0.093997	4	23.810	
0.26500	-1.98875	2.00633	277.58984	0.034974	5	29.762	
0.86347	-0.16679	0.89907	190.69102	0.017913	6	35.714	
2.27603	1.34311	2.64583	30.65715	0.052716	7	41.667	
1.06708	-0.32711	1.11609	342.95752	0.022237	8	47.619	
-0.22434	-2.57151	2.59177	264.89014	0.051439	9	53.571	
-0.59370	-0.34969	0.68852	210.42590	0.013719	10	59.524	

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140							
MODEL	IN-51A	SHIP 1002C	TEST 503	CSC CTR 351	TEST COND 19	COMP RUN	60.0
AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY	
12.32419					0		
-5.90498	14.66393	20.53294	106.72815	1.000000	1	5.952	
-3.26715	-1.55592	1.61872	705.46523	0.176241	2	11.905	
-0.18924	-1.12254	5.30326	192.20618	0.258574	3	17.857	
0.78963	1.94443	2.00545	66.82448	1.097719	4	23.810	
3.27534	-4.55853	5.61320	305.69751	0.273377	5	29.762	
-1.11263	-1.52453	1.98736	233.87738	0.091919	6	35.714	
0.10740	1.09320	1.09846	84.38872	0.053498	7	41.667	
-0.34595	0.17518	0.38777	153.14369	0.018886	8	47.619	
-0.03340	-2.98067	2.88087	269.33569	0.140305	9	53.571	
-1.42311	0.35752	1.46734	165.89781	0.071463	10	59.524	

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
116.23561					C	
36.96359	1.18635	36.98262	1.83828	1.000000	1	5.952
17.88412	-2.50265	18.05836	352.03394	0.488293	2	11.905
-6.94803	-0.23772	6.95209	181.95453	0.187983	3	17.857
7.36816	-4.18426	4.20042	275.02832	0.113578	4	23.810
-2.60833	-1.77202	3.15333	214.19098	0.085265	5	29.762
1.42523	1.30029	2.32319	34.03464	0.062818	6	35.714
-0.47559	-0.16650	0.60207	196.05457	0.016280	7	41.667
1.95855	0.26498	1.47734	8.11405	0.050743	8	47.619
-1.10386	-1.03738	1.51482	223.22171	0.040960	9	53.571
0.19870	-0.36712	0.41277	297.20312	0.011161	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 503 USC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
12.61255					C	
0.62075	16.71326	16.73338	87.18855	1.000000	1	5.952
-1.40549	-8.57951	8.78886	257.47827	0.525229	2	11.905
-6.55388	8.01759	10.35544	129.26392	0.618849	3	17.857
6.84598	-5.64449	8.47286	320.49438	0.530249	4	23.810
-2.21170	-2.02870	3.05121	222.52887	0.179355	5	29.762
1.45663	1.78741	1.96402	41.47116	0.116176	6	35.714
-1.57170	-2.47285	2.94084	237.23177	0.175747	7	41.667
2.61891	1.37945	2.96002	27.77753	0.176893	8	47.619
-2.47614	-1.29366	2.79370	207.58443	0.166854	9	53.571
0.03795	0.00087	0.03296	1.51847	0.001970	10	59.524

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
150.35910					C	
30.25721	-3.65571	30.47128	353.10937	0.886569	1	5.952
33.21860	-8.82130	34.36990	345.12817	1.000000	2	11.905
-17.40442	6.34651	18.52542	159.96565	0.539801	3	17.857
7.70331	-8.61947	11.56011	311.78735	0.336344	4	23.810
-7.41232	-2.29735	7.76017	197.22012	0.225784	5	29.762
8.14751	3.38949	8.82443	22.58804	0.256749	6	35.714
-5.78551	-2.04620	6.13470	199.47746	0.178546	7	41.667
4.60410	0.02027	4.60414	0.25229	0.133958	8	47.619
-2.31611	0.63933	2.40273	164.56853	0.069908	9	53.571
0.71165	-0.09746	0.71763	352.59570	0.020880	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
24.34522					C	
14.01816	20.93497	27.62108	49.28223	1.000000	1	5.952
3.33347	-17.86775	18.17606	280.56763	0.658050	2	11.905
-11.11764	19.31310	22.28445	119.92708	0.806792	3	17.857
15.42013	-14.98066	21.22205	316.60278	0.768328	4	23.810
-10.03008	0.20627	10.03300	178.82195	0.343237	5	29.762
4.46684	5.76477	7.29231	52.22842	0.264012	6	35.714
-4.12845	-6.71127	7.87522	238.45171	0.285116	7	41.667
6.87820	2.83052	7.43784	22.36812	0.269281	8	47.619
-6.75480	1.33435	6.88533	168.02561	0.249278	9	53.571
2.29151	-0.63583	2.38801	344.50488	0.086167	10	59.524

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
131.25732					0	
-13.42885	-12.46135	18.64972	223.94090	0.629747	1	5.952
29.51788	2.39176	29.61481	4.63241	1.000000	2	11.905
-6.42208	-7.93151	6.96867	204.87686	0.235312	3	17.857
-3.10540	-0.10404	3.10728	181.99290	0.104924	4	23.810
2.53005	-4.24722	4.94369	300.78198	0.164934	5	29.762
1.66865	-0.53891	1.75351	342.10156	0.059211	6	35.714
-3.09637	5.22691	6.07520	120.64212	0.205142	7	41.667
3.03806	-3.31767	4.49849	312.48145	0.151921	8	47.619
0.82360	-2.00997	2.17216	292.20149	0.073368	9	53.571
-3.25539	3.61471	4.86454	132.00610	0.164261	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
20.88948					0	
11.34728	-4.40877	12.17366	338.76709	0.479483	1	5.952
13.10480	20.97925	24.73589	58.70073	0.974271	2	11.905
-1.86527	-25.32053	25.38913	265.78462	1.000000	3	17.857
-10.94908	15.32653	18.80605	124.53920	0.732835	4	23.810
13.75915	-4.36746	14.43568	342.38940	0.968577	5	29.762
-6.25860	-5.32888	8.21840	220.42177	0.323697	6	35.714
1.11499	6.93733	7.02636	80.86926	0.276747	7	41.667
-2.39762	-6.00065	6.46192	248.22025	0.254515	8	47.619
2.71788	5.08496	5.76573	61.87572	0.227094	9	53.571
-0.16251	-1.68619	1.69400	264.49487	0.066721	10	59.524

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
171.38010					0	
-44.22029	-20.76102	48.55798	204.40193	1.000000	1	5.952
16.56577	-2.66340	17.06364	347.60254	0.351408	2	11.905
4.89468	1.82147	5.22260	20.41191	0.107554	3	17.857
-4.43703	0.04383	4.43725	179.43402	0.091380	4	23.810
0.94379	-7.26433	7.32538	277.40234	0.150858	5	29.762
1.05616	2.70999	3.28472	55.59148	0.067845	6	35.714
0.38905	4.38863	4.40575	84.94695	0.090732	7	41.667
-0.81806	-3.61464	3.70605	257.24756	0.076322	8	47.619
2.01719	-3.23101	3.80900	301.97729	0.078442	9	53.571
-0.88661	2.92637	3.05773	106.85541	0.062971	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
88.49977					0	
-29.10425	7.01685	29.43816	166.44502	1.000000	1	5.952
11.41941	4.86583	12.41287	23.07892	0.414617	2	11.905
8.74567	-9.06877	12.59878	313.96094	0.420827	3	17.857
-4.66406	7.07359	11.97622	143.79794	0.400032	4	23.810
5.00566	-7.92202	9.37097	302.28735	0.313011	5	29.762
-2.01016	3.97463	4.45403	124.82793	0.148774	6	35.714
5.76645	2.58249	6.31832	24.22509	0.211046	7	41.667
-7.18293	-3.46996	10.36308	226.12260	0.346149	8	47.619
2.61470	3.67695	4.51183	54.58915	0.150705	9	53.571
3.07928	-0.62289	3.14164	348.56421	0.104938	10	59.524

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
95.72205					0	
-28.83409	-11.72426	30.86971	200.92357	1.000000	1	5.952
1.66586	-6.37397	6.58806	284.64673	0.213415	2	11.905
5.75603	4.71054	7.43782	39.79713	0.240942	3	17.857
-0.71977	-1.22576	1.43169	238.88835	0.046376	4	23.810
-1.44071	-4.32555	4.74096	245.83597	0.153580	5	29.762
7.03053	3.38812	3.94999	59.06523	0.127957	6	35.714
1.30808	0.36417	1.35783	15.55709	0.043986	7	41.667
-1.95288	-1.24095	2.31380	212.43375	0.074954	8	47.619
0.98029	-1.53163	1.81848	302.62036	0.058908	9	53.571
1.37045	0.40621	1.42939	16.51007	0.046304	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
72.18336					0	
-30.85437	12.17583	33.17026	158.46310	1.000000	1	5.952
2.97662	-11.62247	11.98523	284.13354	0.361325	2	11.905
7.60540	10.79521	13.20525	54.83466	0.398135	3	17.857
0.20547	-5.54905	5.55286	272.11987	0.167405	4	23.810
-5.83361	-4.38892	7.30725	216.95589	0.220084	5	29.762
2.85384	8.03933	8.53084	75.45584	0.257183	6	35.714
3.95665	-3.10840	5.03162	311.84619	0.151691	7	41.667
-4.00571	-2.64315	4.77916	213.41861	0.144683	8	47.619
-0.40535	0.47470	0.62422	130.49451	0.018819	9	53.571
3.36259	0.38236	3.38426	6.48716	0.170227	10	59.524

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.71553					0	
-2.37460	-0.98839	2.53534	200.51195	1.000000	1	5.952
0.05370	-0.55686	0.55944	275.50757	0.220658	2	11.905
0.49786	0.41641	0.64905	39.90894	0.256001	3	17.857
-0.04372	-0.11074	0.11863	249.37384	0.046769	4	23.810
-0.18032	-0.35192	0.39547	242.86992	0.155964	5	29.762
0.17272	0.29149	0.33924	59.39319	0.133804	6	35.714
0.11753	0.00895	0.11787	4.35610	0.046489	7	41.667
-0.17341	-0.04251	0.19654	208.07982	0.077522	8	47.619
0.07409	-0.12120	0.14418	302.79217	0.056869	9	53.571
0.12924	0.32057	0.13296	9.045	0.251616	10	59.524

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 351 TEST COND 19 COMP RUN 60.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
6.05645					0	
-7.64156	1.06362	2.84793	158.07025	1.000000	1	5.952
0.20143	-1.37961	1.09923	280.56836	0.384625	2	11.905
0.64326	1.02765	1.21238	57.45540	0.425704	3	17.857
0.07022	-0.54097	0.54551	277.39575	0.191546	4	23.810
-0.55588	-0.35444	0.45326	212.52245	0.231488	5	29.762
0.26959	0.70677	0.75644	63.12134	0.265611	6	35.714
0.32768	-0.29556	0.44128	317.95020	0.154945	7	41.667
-0.32466	-0.19875	0.38066	211.47444	0.133663	8	47.619
-0.05095	0.02233	0.05508	156.08282	0.019339	9	53.571
0.28772	0.03823	0.29026	7.57956	0.101919	10	59.524

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.76763					0	
-0.21307	0.31422	0.37965	124.14054	1.000000	1	6.024
0.17753	0.09961	0.20069	27.00174	0.520623	2	12.040
0.01915	0.01405	0.02375	34.26714	0.042504	3	18.072
0.05849	0.07940	0.09062	53.62104	0.250750	4	24.096
0.04170	0.01479	0.01490	89.15454	0.030835	5	30.120
0.00712	0.04920	0.04079	81.70034	0.131150	6	36.144
-0.00685	0.03521	0.03507	101.00757	0.090406	7	42.160
-0.02685	0.00815	0.02004	163.12502	0.073015	8	48.192
-0.00959	0.01107	0.01445	130.00509	0.030579	9	54.217
-0.00063	-0.00436	0.00967	206.01793	0.023471	10	60.241

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.02324					0	
-0.20189	0.10790	0.33070	140.31340	1.000000	1	6.024
0.06735	-0.14053	0.15509	207.00002	0.440152	2	12.040
-0.00991	-0.06561	0.04636	261.40767	0.195067	3	18.072
0.01223	-0.04401	0.04507	209.52500	0.134013	4	24.096
-0.04127	0.13040	0.14516	134.94513	0.420400	5	30.120
-0.00927	0.03616	0.00003	163.06612	0.274994	6	36.144
-0.04120	-0.07770	0.00790	242.00243	0.259706	7	42.160
-0.00409	0.01050	0.04127	111.29962	0.033261	8	48.192
-0.05945	-0.02715	0.04709	214.54172	0.161363	9	54.217
0.03421	0.01796	0.03063	27.70140	0.114009	10	60.241

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 30
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.02652					0	
-1.06406	1.54015	1.00977	124.55421	1.000000	1	6.024
0.00000	0.44555	0.99500	26.59340	0.329139	2	12.040
0.09739	0.07067	0.12032	35.96600	0.063909	3	18.072
0.20607	0.30517	0.47706	53.05476	0.255622	4	24.096
0.00439	0.06705	0.00799	80.29034	0.030145	5	30.120
0.03572	0.23336	0.23570	81.77000	0.125301	6	36.144
-0.03400	0.10301	0.10725	102.40934	0.000915	7	42.160
-0.10601	0.03025	0.13114	104.40544	0.000720	8	48.192
-0.04558	0.04000	0.00403	152.09706	0.005529	9	54.217
-0.04027	-0.00407	0.04753	211.70212	0.025105	10	60.241

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 30
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.70917					0	
-1.27276	0.79772	1.50209	147.02215	1.000000	1	6.024
0.21064	-0.65091	0.49425	200.35015	0.442106	2	12.040
-0.04496	-0.31554	0.31073	261.00062	0.212190	3	18.072
0.03615	-0.20051	0.21162	270.00472	0.140007	4	24.096
-0.20045	0.00977	0.47400	115.71466	0.000009	5	30.120
-0.42141	0.11062	0.43027	104.29034	0.291775	6	36.144
-0.10034	-0.35777	0.40431	242.23660	0.207644	7	42.160
-0.02040	0.05348	0.05067	116.34773	0.039724	8	48.192
-0.19072	-0.12400	0.22793	215.10952	0.151750	9	54.217
0.15592	0.00799	0.17003	29.43549	0.119190	10	60.241

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
MODEL N9-51A SNIP 100ZC TEST 490 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
11.30159					0	
-2.00037	3.97099	4.06207	129.25362	1.000000	1	6.024
2.34595	1.07212	2.37932	24.56002	0.530499	2	12.048
0.26264	0.10726	0.32236	39.40036	0.004343	3	18.072
0.72367	0.93189	1.10295	91.97710	0.243302	4	24.096
-0.00790	0.15164	0.15167	92.90020	0.031235	5	30.120
0.00042	0.32592	0.56172	61.76005	0.115530	6	36.144
-0.10263	0.37541	0.36726	109.30071	0.079648	7	42.168
-0.29709	0.04070	0.30095	126.06217	0.062730	8	48.192
-0.10940	0.10019	0.14004	137.91750	0.030510	9	54.217
-0.09223	-0.07053	0.12100	220.10730	0.025071	10	60.241

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
MODEL N9-51A SNIP 100ZC TEST 490 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
40.00007					0	
-0.74074	1.40093	3.12211	191.00200	1.000000	1	6.024
0.40004	-1.30730	1.45032	209.05370	0.445013	2	12.048
-0.00004	-0.77610	0.70020	262.70140	0.249922	3	18.072
-0.01300	-0.49700	0.49763	263.40022	0.190000	4	24.096
-0.71074	1.30157	1.50405	117.21061	0.001215	5	30.120
-1.00146	0.83004	1.07034	109.51700	0.306590	6	36.144
-0.41670	-0.00000	0.00702	242.00010	0.270016	7	42.168
-0.07204	0.10000	0.17305	123.44400	0.000000	8	48.192
-0.47220	-0.20001	0.04000	219.46211	0.175001	9	54.217
0.34307	0.22310	0.40001	37.97905	0.131292	10	60.241

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
MODEL N9-51A SNIP 100ZC TEST 490 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
37.43107					0	
-7.07002	10.20106	12.94075	127.40434	1.000000	1	6.024
0.49106	2.13065	0.93067	10.21000	0.527740	2	12.048
0.75244	0.93030	0.93715	30.90772	0.072372	3	18.072
1.01467	2.03019	2.72990	46.30410	0.210321	4	24.096
-0.30030	0.21757	0.29700	133.00900	0.021001	5	30.120
0.11099	1.07132	1.07030	60.00000	0.002259	6	36.144
-0.39234	0.39902	0.00007	122.40000	0.001207	7	42.168
-0.19997	-0.00071	0.00040	102.40900	0.001429	8	48.192
-0.21991	0.00047	0.00100	173.13037	0.007106	9	54.217
-0.14001	-0.34004	0.37900	247.01070	0.020030	10	60.241

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
MODEL N9-51A SNIP 100ZC TEST 490 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
05.42900					0	
-2.55900	-1.51232	2.95570	210.77457	1.000000	1	6.024
0.00000	-0.04000	1.00241	321.41107	0.349296	2	12.048
-0.14137	-1.43000	1.44432	260.12709	0.363133	3	18.072
-0.90094	-0.90099	1.30030	224.47202	0.440990	4	24.096
-1.50441	2.11040	2.03222	126.44013	0.000054	5	30.120
-1.91901	0.27900	1.95030	171.00000	0.604704	6	36.144
-0.51004	-1.13001	1.25000	240.22704	0.447500	7	42.168
-0.40001	0.43001	0.40007	130.70046	0.216723	8	48.192
-1.07000	-0.30750	1.10000	109.70000	0.307750	9	54.217
0.41304	0.53045	0.67750	52.90040	0.229170	10	60.241

TEXT NOT REPRODUCIBLE

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
 MODEL HM-51A SHIP 1002C TEST 400 OSC CTR 404 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
55.42712					0	
-9.53438	11.11571	0.44457	130.6210	1.000000	1	6.824
7.40913	1.30172	0.01553	9.34022	0.347330	2	12.040
0.40975	0.49080	1.21042	35.14632	0.002053	3	18.072
1.06301	1.55717	2.42077	39.07634	0.105040	4	24.096
-0.49812	-0.07041	0.50425	100.94930	0.034432	5	30.120
0.03345	0.55425	0.55325	86.54402	0.037019	6	36.145
-0.52993	-0.04477	0.33101	104.02941	0.026315	7	42.169
-0.19762	-0.33044	0.39010	239.50604	0.026630	8	48.193
-0.13194	-0.33612	0.39022	240.42164	0.026729	9	54.217
-0.01302	-0.50912	0.30928	242.65401	0.040239	10	60.241

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
 MODEL HM-51A SHIP 1002C TEST 400 OSC CTR 404 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.12405					0	
4.03310	-9.82240	10.75033	293.25244	1.000000	1	6.824
-0.03343	3.93340	3.93362	90.46700	0.302261	2	12.040
0.00390	-1.20637	1.20011	273.73442	0.110006	3	18.072
-2.50779	-0.51042	2.63002	191.50040	0.243977	4	24.096
-1.17091	-3.10310	1.10021	107.90011	0.100000	5	30.120
-0.93126	-0.33159	0.79942	200.60932	0.091000	6	36.145
0.30091	0.37020	0.34324	44.20229	0.000000	7	42.169
-0.91740	0.55791	1.07399	140.60044	0.000073	8	48.193
-0.92918	0.14924	0.94109	170.07936	0.000004	9	54.217
-7.34966	0.94062	0.04304	122.00430	0.000204	10	60.241

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 80
 MODEL HM-51A SHIP 1002C TEST 400 OSC CTR 404 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
04.10045					0	
-11.12994	12.20264	14.51004	132.36772	1.000000	1	6.824
11.05435	1.26674	11.12940	0.53000	0.073011	2	12.040
1.43995	0.97333	1.73720	19.20904	0.105107	3	18.072
2.13100	1.12005	2.40002	27.71070	0.145790	4	24.096
-0.40043	-0.30040	0.61404	210.59000	0.057214	5	30.120
0.41304	0.26057	0.50100	29.71000	0.002000	6	36.145
-0.60095	-0.21149	0.72074	107.00000	0.040439	7	42.169
-0.03000	-0.29051	0.30092	262.74012	0.010020	8	48.193
-0.03550	-0.30253	0.30000	239.42476	0.010000	9	54.217
-0.04716	-0.52793	0.33210	242.75024	0.032222	10	60.241

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 80
 MODEL HM-51A SHIP 1002C TEST 400 OSC CTR 404 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-31.57110					0	
7.67634	-9.15175	11.04301	309.90193	1.000000	1	6.824
-1.76192	3.44636	5.73402	100.07313	0.001933	2	12.040
0.69750	-1.04309	1.07140	290.72044	0.140009	3	18.072
-3.25309	-0.39073	3.27719	106.95022	0.274000	4	24.096
-0.40574	-1.54004	1.61232	255.40009	0.130011	5	30.120
-0.03570	-0.70910	0.71134	200.30920	0.099503	6	36.145
1.21001	1.34007	1.03070	40.23933	0.152279	7	42.169
-1.37315	0.93442	1.07392	140.13644	0.100110	8	48.193
-0.04000	0.03241	1.07017	142.50444	0.007002	9	54.217
-0.90101	0.01222	1.34094	137.37000	0.112775	10	60.241

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
85.46960					0	
-7.63055	7.92364	11.00042	133.92052	0.994391	1	6.024
10.95158	1.56245	11.06247	0.11951	1.000000	2	12.048
2.02955	-0.11574	2.03204	356.73584	0.163760	3	18.072
1.69884	0.28814	1.72311	9.62642	0.155761	4	24.096
0.89970	-0.59866	0.60493	279.48608	0.054684	5	30.120
1.25090	0.15005	1.25486	6.84007	0.113886	6	36.144
-0.47380	0.20827	0.51756	156.27083	0.646785	7	42.168
-0.05854	0.21203	0.21997	105.43980	0.019885	8	48.192
0.81588	0.24512	0.24563	26.29303	0.022204	9	54.216
-0.27036	0.06975	0.27921	165.53368	0.025239	10	60.240

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-21.46710					0	
2.45738	5.35473	5.88259	65.30807	1.000000	1	6.024
-3.69889	1.00439	3.85457	163.66060	0.655251	2	12.048
1.39914	-2.46231	2.83206	299.68620	0.481431	3	18.072
-1.37996	-0.37230	1.42950	195.09837	0.242972	4	24.096
0.78222	-1.20475	1.43441	362.99487	0.244101	5	30.120
0.58974	-0.46450	0.75057	321.70687	0.127592	6	36.144
1.33454	1.06289	1.69270	38.00620	0.287917	7	42.168
-1.13366	1.10042	1.62800	134.13486	0.276750	8	48.192
-0.50150	0.74820	0.90072	123.83325	0.153117	9	54.216
-0.96186	1.19526	1.53372	128.00133	0.260722	10	60.240

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
86.43517					0	
-3.95329	3.50425	5.28283	138.44506	0.620065	1	6.024
0.31645	1.42792	0.43814	9.74257	1.000000	2	12.048
1.06439	-0.52523	1.93809	344.28247	0.229777	3	18.072
1.11220	-0.16950	1.12504	351.33447	0.133328	4	24.096
0.42082	-0.70640	0.82224	388.78345	0.097644	5	30.120
1.41404	0.09280	1.41788	3.75487	0.167917	6	36.144
-0.17758	0.42822	0.45620	112.90816	0.054864	7	42.168
-0.03444	0.39881	0.39659	97.92961	0.044762	8	48.192
0.82965	0.43862	0.43862	86.13287	0.052099	9	54.216
-0.29362	0.33818	0.45699	129.97955	0.054157	10	60.240

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.47759					0	
-1.44951	12.40059	12.48582	96.66711	1.000000	1	6.024
-3.64376	-1.74466	4.85990	285.58344	0.323580	2	12.048
1.40856	-2.09685	2.56622	305.23504	0.285544	3	18.072
0.86337	-0.13723	0.15116	294.78516	0.012187	4	24.096
1.86545	-0.64476	1.24535	328.81982	0.099748	5	30.120
0.65121	-0.24953	0.40738	339.83394	0.055857	6	36.144
1.08636	0.49032	1.18252	24.18718	0.088387	7	42.168
-0.60449	0.98126	1.15262	121.64325	0.092320	8	48.192
-0.24737	0.54042	0.59434	114.99505	0.047604	9	54.216
-0.60986	0.88404	1.15770	121.78871	0.092727	10	60.240

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL RM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 34.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
71.21457					0	
-3.18333	2.07625	3.00038	146.88266	0.425522	1	6.024
0.70031	1.58915	0.92296	10.23091	1.000000	2	12.048
2.75242	-0.07431	2.41515	330.78540	0.270779	3	18.072
1.14350	-0.37224	1.20256	341.96051	0.134771	4	24.096
0.54515	-1.28536	1.41646	296.06497	0.158743	5	30.120
1.72912	0.09540	1.73176	3.16053	0.194079	6	36.144
0.04001	0.54195	0.54535	83.59033	0.061110	7	42.168
0.05126	0.29088	0.30127	80.20357	0.033764	8	48.192
0.00441	0.37733	0.37733	89.93045	0.042287	9	54.216
-0.24338	0.30333	0.45487	122.41130	0.050000	10	60.240

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL RM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 34.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-2.13081					0	
-3.06362	16.02971	17.10628	100.31700	1.000000	1	6.024
-3.93983	-2.79349	4.02968	215.33007	0.202334	2	12.048
1.09788	-1.68055	2.33098	310.37427	0.140424	3	18.072
0.68115	0.52668	0.86182	37.71164	0.090334	4	24.096
0.09452	-0.90236	1.33602	312.03174	0.078101	5	30.120
0.60634	-0.44898	0.80349	326.02734	0.046970	6	36.144
1.10403	0.10279	1.11906	9.49091	0.065418	7	42.168
-0.19257	1.02646	1.04437	100.62529	0.061052	8	48.192
-0.34223	0.30221	0.51303	131.94090	0.029991	9	54.216
-0.39930	0.77031	0.86765	117.40028	0.050721	10	60.240

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
 MODEL RM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 34.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
196.04768					0	
-5.92326	0.04040	5.92340	179.60918	0.320466	1	6.024
10.20377	3.17000	10.48367	9.89406	1.000000	2	12.048
5.90010	-2.67321	6.47751	335.62590	0.350443	3	18.072
2.03101	-0.91017	2.70399	340.91740	0.150619	4	24.096
1.40975	-4.09582	1.09475	206.06372	0.275635	5	30.120
5.96027	0.14105	5.97000	2.04726	0.214020	6	36.144
1.01508	1.01723	1.43749	45.04372	0.077771	7	42.168
0.60611	-0.39124	0.69000	329.02544	0.037006	8	48.192
-0.17456	-0.17247	0.23177	221.13590	0.012539	9	54.216
-0.02279	0.29944	0.30031	94.35141	0.016247	10	60.240

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
 MODEL RM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 34.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-6.61453					0	
-7.04627	36.14948	36.82979	101.02986	1.000000	1	6.024
-6.06799	-5.08204	8.54380	215.99994	0.231981	2	12.048
4.72055	-0.83357	4.80146	350.00220	0.130369	3	18.072
1.99194	3.05301	4.33016	62.06670	0.117790	4	24.096
0.00131	-3.73634	3.73634	270.02002	0.101449	5	30.120
0.74944	-1.99271	2.12098	290.61000	0.057006	6	36.144
2.32078	-0.43074	2.36041	349.40535	0.064090	7	42.168
1.24771	1.04953	2.23104	55.99593	0.060577	8	48.192
-1.19260	0.07193	1.19477	176.54826	0.032440	9	54.216
0.01711	0.23965	0.24026	85.91724	0.206523	10	60.240

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LEFT AT MEAN SPAN STATION 157
MODEL HM-51A SHIP 100ZC TEST 490 OSC CTR 494 TEST COND 21 COMP RUN 34.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
116.73001					0	
-4.05634	-4.92485	0.45945	234.96771	0.742243	1	6.024
11.20129	2.10379	11.39714	10.63710	1.000000	2	12.040
5.23182	-2.62496	5.05341	333.39571	0.513505	3	18.072
1.77046	-0.61300	1.02500	346.92703	0.160190	4	24.096
1.51353	-4.02020	4.30316	200.50277	0.377565	5	30.120
2.91909	-0.32232	2.93603	303.60097	0.257641	6	36.144
1.14502	0.47297	1.23006	22.44395	0.100499	7	42.168
0.42341	-0.40027	0.50044	346.60913	0.051123	8	48.192
-0.13249	-0.70954	0.00413	259.00000	0.070555	9	54.217
0.13353	-0.00001	0.19993	326.61011	0.014032	10	60.241

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL HM-51A SHIP 100ZC TEST 490 OSC CTR 494 TEST COND 21 COMP RUN 34.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-26.60349					0	
-3.90017	20.95972	21.31949	100.54109	1.000000	1	6.024
-1.71106	-1.02032	2.29.19	221.72997	0.107099	2	12.040
2.20242	-0.19946	2.304.04	309.02710	0.107093	3	18.072
0.00410	3.11367	3.22071	75.17296	0.191009	4	24.096
-0.64340	-0.00430	1.00707	243.07740	0.007237	5	30.120
-0.95199	-1.00440	1.00044	259.16000	0.000000	6	36.144
0.54001	-0.00453	1.02140	302.40794	0.047013	7	42.168
1.73223	0.00120	1.94201	26.00440	0.091501	8	48.192
-0.27615	-0.03100	0.27700	100.02191	0.013095	9	54.217
-0.03404	-0.24773	0.23006	262.17324	0.011729	10	60.241

HARMONIC ANALYSIS OF LEFT AT MEAN SPAN STATION 172
MODEL HM-51A SHIP 100ZC TEST 490 OSC CTR 494 TEST COND 21 COMP RUN 34.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
125.70006					0	
-7.16014	-10.99432	20.30106	249.32420	1.000000	1	6.024
7.57401	1.63542	7.74994	12.10330	0.301700	2	12.040
7.72706	-3.64007	0.54599	334.72441	0.420046	3	18.072
1.99045	0.13053	1.60174	4.47420	0.070090	4	24.096
2.49023	-3.70926	4.51046	300.52173	0.222465	5	30.120
3.32351	-1.00379	3.40901	342.23122	0.171006	6	36.144
1.37204	-0.04209	1.37201	350.21021	0.007004	7	42.168
-0.13542	4.10179	0.22001	126.72394	0.011172	8	48.192
-0.05750	-1.05020	1.00677	266.07046	0.052093	9	54.217
-0.02005	-0.00004	0.00015	100.01013	0.000993	10	60.241

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL HM-51A SHIP 100ZC TEST 490 OSC CTR 494 TEST COND 21 COMP RUN 34.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-63.70703					0	
-2.30045	12.61005	12.03006	100.00523	1.000000	1	6.024
1.90009	0.94452	2.12727	26.39440	0.163693	2	12.040
0.54072	-2.57073	2.43760	202.02930	0.209446	3	18.072
-0.03010	0.50037	1.21503	135.05700	0.094701	4	24.096
0.05778	3.03959	4.02700	77.70427	0.313790	5	30.120
-2.13090	-1.26647	2.40011	210.40921	0.194421	6	36.144
-1.77579	-1.62226	2.40004	202.44372	0.107344	7	42.168
1.70017	0.15404	1.70005	4.94591	0.130954	8	48.192
1.43235	0.79046	1.05007	20.15742	0.127729	9	54.217
-0.00092	0.30415	0.07090	155.72015	0.000432	10	60.241

TEXT NOT REPRODUCIBLE

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
 MODEL HM-51A SHIP 1002C TEST 490 OSC CTR 49% TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
92.10765					0	
-4.76491	-13.42116	14.24190	250.45361	1.000000	1	6.024
-0.69522	-1.20382	1.45907	241.56343	0.102312	2	12.048
0.23701	-2.19675	0.52530	345.06787	0.500007	3	18.072
1.35490	0.20694	1.30401	11.04031	0.007302	4	24.096
0.77517	-4.02111	4.90015	200.01130	0.207542	5	30.120
2.47006	-0.05073	2.47135	350.63010	0.173027	6	36.144
1.34757	-0.97720	1.66440	324.00060	0.116072	7	42.168
-0.28213	-0.60022	0.67137	245.15114	0.067161	8	48.192
-0.13154	0.03241	0.13547	100.15009	0.009012	9	54.216
0.25664	0.35492	0.63709	54.12067	0.000754	10	60.240

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
 MODEL HM-51A SHIP 1002C TEST 490 OSC CTR 49% TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.91090					0	
-2.01074	-0.10204	2.02462	103.60519	0.619943	1	6.024
-3.00140	-0.34633	3.02109	100.54454	0.663044	2	12.048
3.97931	-2.21912	4.95425	320.00000	1.000000	3	18.072
-1.12553	-1.00225	1.62527	221.75053	0.326712	4	24.096
0.00043	0.02032	0.00266	1.20040	0.100033	5	30.120
-1.44097	0.90035	1.70009	145.00230	0.305010	6	36.144
-1.32257	-2.32573	2.67540	240.37437	0.907210	7	42.168
0.37153	-0.07350	0.94023	293.05175	0.200235	8	48.192
0.73222	1.30200	1.56407	62.00042	0.343270	9	54.216
0.54231	0.13334	0.55046	13.01341	0.122570	10	60.240

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
 MODEL HM-51A SHIP 1002C TEST 490 OSC CTR 49% TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
80.40075					0	
-3.01054	-10.20354	10.45145	260.50692	1.000000	1	6.024
-0.50003	-2.73420	7.22002	200.21001	0.391024	2	12.048
9.15109	-1.90324	0.35973	347.07909	0.507203	3	18.072
3.07749	1.73465	3.54440	29.67061	0.102073	4	24.096
0.55010	-5.00051	5.01301	275.25304	0.316120	5	30.120
2.50203	-0.09519	2.50460	357.00940	0.140076	6	36.144
1.31402	-0.30500	1.30949	343.60745	0.074221	7	42.168
-0.43464	-0.72471	0.04500	239.04375	0.045000	8	48.192
-0.34795	-0.09195	0.33509	104.00209	0.010005	9	54.216
0.53240	1.06036	1.10074	63.31732	0.004017	10	60.240

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
 MODEL HM-51A SHIP 1002C TEST 490 OSC CTR 49% TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.40110					0	
1.30001	4.55930	4.74356	73.90105	0.402219	1	6.024
-0.63546	-4.27727	9.63671	200.34990	1.000000	2	12.048
7.53733	-2.49424	7.93930	341.60943	0.823060	3	18.072
0.10762	-0.44339	0.40146	292.93530	0.049061	4	24.096
0.46062	-2.02675	2.07043	282.00300	0.215070	5	30.120
-0.05050	2.04336	2.25700	115.13037	0.234204	6	36.144
-1.14709	-0.76746	1.39322	214.32104	0.144574	7	42.168
0.20130	-2.40055	2.42412	270.90106	0.251350	8	48.192
0.42310	-0.16345	0.45250	339.23535	0.046004	9	54.216
0.34422	1.02364	1.00040	71.31300	0.112134	10	60.240

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
41.38074					0	
-0.79325	-11.33217	11.35990	265.99561	1.000000	1	6.024
-4.07541	-1.73800	5.17593	199.62024	0.455632	2	12.048
4.32786	-0.93494	4.42769	347.80957	0.389765	3	18.072
2.17385	1.48459	2.63242	34.33032	0.231729	4	24.096
0.37024	-3.26496	3.28588	276.46948	0.289253	5	30.120
1.25816	-0.22374	1.27825	349.82812	0.112523	6	36.144
0.54074	0.23234	0.58855	23.25201	0.051809	7	42.168
-0.27126	-0.22384	0.35169	219.52947	0.030959	8	48.192
-0.23929	-0.25071	0.34658	226.33513	0.030509	9	54.216
0.31639	0.75994	0.82317	67.39630	0.072463	10	60.240

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
22.45663					0	
2.78177	5.48181	6.14724	63.09422	0.928104	1	6.024
-5.63464	-3.48148	6.62343	211.71072	1.000000	2	12.048
4.40451	-1.35899	4.60940	342.85254	0.695923	3	18.072
0.74778	0.26194	0.79233	19.30478	0.119626	4	24.096
0.83718	-1.11694	1.11756	271.90527	0.168728	5	30.120
-0.32655	1.13400	1.18008	106.86442	0.178168	6	36.144
-0.57057	0.50582	0.76197	138.46747	0.115841	7	42.168
0.25792	-1.48561	1.70523	278.69946	0.257454	8	48.192
0.28143	-0.87809	0.98090	282.91948	0.136817	9	54.216
-0.17141	0.94439	0.95982	100.28766	0.144913	10	60.240

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.24651					0	
-0.85425	-0.92452	0.92611	266.44160	1.000000	1	6.024
-0.48664	-0.14144	0.43053	199.17920	0.464886	2	12.048
0.34087	-0.07344	0.34869	347.84082	0.376517	3	18.072
3.18881	0.12496	0.21913	34.76718	0.236610	4	24.096
0.83029	-0.26361	0.26534	276.55469	0.286514	5	30.120
0.09941	-0.01980	0.10134	348.73511	0.109452	6	36.144
0.06160	0.02327	0.04766	29.22272	0.051466	7	42.168
-0.02216	-0.01634	0.02753	216.34676	0.029727	8	48.192
-0.01978	-0.02211	0.02967	228.16088	0.032037	9	54.216
0.02577	0.06308	0.06814	67.78114	0.073572	10	60.240

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
 MODEL NM-51A SHIP 1002C TEST 498 OSC CTR 494 TEST COND 21 COMP RUN 36.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.87820					0	
0.24545	0.47111	0.53122	62.48000	0.968824	1	6.024
-0.46381	-0.29245	0.54831	212.23349	1.000000	2	12.048
0.35788	-0.10905	0.37412	343.05371	0.682316	3	18.072
0.06782	0.02625	0.07198	21.39259	0.131269	4	24.096
0.08864	-0.09081	0.09081	270.48234	0.165625	5	30.120
-0.02397	0.09169	0.09477	104.65358	0.172841	6	36.144
-0.04588	0.05047	0.06767	131.77121	0.123423	7	42.168
0.02158	-0.13960	0.14126	278.78462	0.257428	8	48.192
0.01548	-0.07896	0.08050	281.22925	0.146810	9	54.216
-0.01735	0.07995	0.08182	102.24634	0.149215	10	60.240

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
 MODEL XM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHI.C	CJ/CJMAX	J	FREQUENCY
0.72997					0	
-0.70514	0.44248	0.83248	147.89159	1.000000	1	5.048
0.24343	-0.33770	0.41630	305.78544	0.500871	2	11.694
-0.04548	0.04851	0.09491	133.79457	0.114005	3	17.544
0.03342	-0.02202	0.04002	326.62427	0.040075	4	23.392
-0.05222	-0.05257	0.07396	225.00510	0.080848	5	29.240
0.02477	-0.01524	0.02908	328.40300	0.034937	6	35.088
-0.00720	-0.04253	0.04315	240.20613	0.051834	7	40.936
-0.01079	-0.03149	0.03354	250.00019	0.046200	8	46.784
0.00798	-0.04425	0.04496	200.21777	0.054310	9	52.632
-0.00162	-0.03283	0.03287	267.17163	0.039481	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
 MODEL XM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-2.17835					0	
-0.20325	0.98832	1.00117	101.71326	1.000000	1	5.048
-0.26221	-0.04543	0.26616	100.07100	0.265845	2	11.694
-0.20489	0.04051	0.20099	170.33652	0.200453	3	17.544
0.00423	0.00973	0.01001	46.51593	0.010097	4	23.392
-0.00700	-0.03043	0.07440	204.11943	0.074391	5	29.240
-0.01116	-0.10001	0.10930	244.14404	0.109234	6	35.088
0.01150	0.00073	0.01153	3.40913	0.011513	7	40.936
-0.00000	0.01239	0.01520	125.30091	0.015101	8	46.784
0.01482	0.01622	0.02204	47.30207	0.022014	9	52.632
-0.02352	0.01354	0.02713	150.07275	0.027103	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
 MODEL XM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.71057					0	
-3.55277	2.21507	4.10672	148.05739	1.000000	1	5.048
1.19540	-1.43007	2.02235	300.25220	0.403030	2	11.694
-0.35098	0.31003	0.47999	130.40767	0.114006	3	17.544
0.16115	-0.09405	0.10699	329.73210	0.044966	4	23.392
-0.20490	-0.25339	0.36007	223.50636	0.087913	5	29.240
0.11704	-0.07447	0.13634	320.59341	0.032636	6	35.088
-0.04009	-0.20457	0.20568	250.53174	0.049126	7	40.936
-0.05283	-0.14247	0.15100	249.72464	0.036276	8	46.784
0.05546	-0.20507	0.20011	279.01030	0.049700	9	52.632
-0.00996	-0.14939	0.14972	266.10433	0.035761	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
 MODEL XM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-10.48319					0	
-0.07900	4.44444	4.55214	101.13342	1.000000	1	5.048
-1.24004	-0.12162	1.25556	105.56004	0.275810	2	11.694
-1.33561	0.17005	1.34716	172.49092	0.295900	3	17.544
0.02026	0.07904	0.08394	70.32367	0.010439	4	23.392
-0.33126	-0.13403	0.35765	202.14030	0.078567	5	29.240
-0.07432	-0.31043	0.31501	261.71606	0.113312	6	35.088
0.04006	-0.00104	0.04007	350.74530	0.010940	7	40.936
-0.04576	0.05062	0.07316	126.74147	0.010071	8	46.784
0.05006	0.07006	0.09040	53.20434	0.021016	9	52.632
-0.10613	0.04500	0.11562	156.02115	0.025400	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL HM-51A SHIP 1002C TEST 501 OSC CTR 344 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.05592					0	
-9.44050	5.82451	11.09270	140.32668	1.000000	1	5.040
3.04447	-4.03059	5.05230	307.00325	0.459469	2	11.090
-1.07130	0.73281	1.30044	145.70004	0.117233	3	17.344
0.39714	-0.17743	0.43400	335.92603	0.030213	4	23.392
-0.72597	-0.42032	0.06011	220.07504	0.006954	5	29.240
0.27779	-0.16017	0.32044	330.00204	0.020007	6	35.000
-0.12674	-0.40099	0.49741	235.23740	0.044041	7	40.936
-0.12010	-0.30475	0.33061	247.10040	0.029004	8	46.704
0.07594	-0.46019	0.47390	270.07412	0.042730	9	52.632
-0.03417	-0.32025	0.33002	264.05762	0.029751	10	50.400

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL HM-51A SHIP 1002C TEST 501 OSC CTR 344 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-25.74432					0	
-1.71307	0.03021	9.00723	99.07365	1.000000	1	5.040
-3.01365	0.14034	3.01491	177.33344	0.302077	2	11.090
-3.12000	0.17430	3.12567	170.00030	0.312047	3	17.344
0.10000	0.33002	0.39471	72.70000	0.055516	4	23.392
-0.00007	-0.27000	0.07757	100.90030	0.007070	5	29.240
-0.27010	-1.10010	1.23047	307.40000	0.122703	6	35.000
0.00000	-0.00000	0.00004	344.70044	0.000035	7	40.936
-0.11004	0.13004	0.17000	129.20000	0.010010	8	46.704
0.00003	0.10700	0.21007	64.55700	0.021354	9	52.632
-0.22000	0.02004	0.23040	173.51100	0.023077	10	50.400

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL HM-51A SHIP 1002C TEST 501 OSC CTR 344 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
29.09007					0	
-27.12503	10.34000	31.06739	140.93440	1.000000	1	5.040
7.70010	-0.23044	12.02700	309.09004	0.379794	2	11.090
-4.04074	1.20400	4.23400	162.01013	0.133700	3	17.344
0.00153	0.13000	0.09007	0.77045	0.000167	4	23.392
-2.24162	-1.30000	2.05700	211.00023	0.000001	5	29.240
0.52295	-0.21007	0.30003	337.50700	0.017000	6	35.000
-0.52162	-0.00011	1.00300	240.01700	0.030001	7	40.936
-0.20940	-0.23700	0.30902	221.44007	0.011353	8	46.704
0.04144	-0.02044	0.09570	273.42434	0.021004	9	52.632
-0.16342	-0.35034	0.30740	245.05534	0.012234	10	50.400

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL HM-51A SHIP 1002C TEST 501 OSC CTR 344 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-37.70150					0	
0.19001	10.40070	10.09334	80.90040	1.000000	1	5.040
-0.02000	4.20400	7.41331	144.00040	0.020221	2	11.090
-0.40000	-1.00023	3.76101	200.23135	0.330737	3	17.344
0.07373	2.00747	2.14334	74.51005	0.300430	4	23.392
-2.04040	-0.10004	2.05004	162.00167	0.191792	5	29.240
-1.40040	-2.00727	2.30771	234.37003	0.240110	6	35.000
-0.13004	-0.25774	0.29120	242.26132	0.027232	7	40.936
-0.32441	0.27150	0.42300	140.00000	0.039204	8	46.704
-0.34021	0.40050	0.60000	123.23444	0.050404	9	52.632
-0.21032	-0.73033	0.70711	253.44011	0.071716	10	50.400

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
 MODEL NM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
39.65546					0	
-34.06177	19.76944	39.38316	149.86914	1.000000	1	5.848
0.05024	-7.04973	11.26350	315.67790	0.204000	2	11.696
-6.55605	0.19130	6.55084	178.32063	0.166599	3	17.544
0.72338	1.06032	1.29819	55.89740	0.032760	4	23.392
-3.02094	-1.16597	3.24576	201.45049	0.082415	5	29.240
0.24253	0.06153	0.25322	14.06311	0.004450	6	35.088
-0.07859	-0.45941	0.99146	207.60497	0.025175	7	40.936
-0.19427	0.61379	0.64379	107.56205	0.016347	8	46.784
-0.19051	0.07833	0.21341	150.46604	0.009419	9	52.632
-0.30025	0.46021	0.50674	126.33539	0.012067	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
 MODEL NM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-46.66606					0	
7.92043	-11.66951	14.10006	304.19263	1.000000	1	5.848
-3.00523	11.10746	11.74121	100.91064	0.032234	2	11.696
-1.50300	-0.12661	6.30020	250.21606	0.447160	3	17.544
1.00955	4.10740	4.32603	75.41516	0.300692	4	23.392
-1.98195	0.05448	2.15880	156.67764	0.152903	5	29.240
-2.04070	-0.61905	2.90754	192.30922	0.204000	6	35.088
-0.09672	-0.57440	0.90297	219.50340	0.004004	7	40.936
-0.37068	0.13929	0.40350	159.70952	0.000507	8	46.784
-1.30413	0.46835	1.30560	100.20951	0.000219	9	52.632
0.37976	-2.10721	2.14115	200.21606	0.151760	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 00
 MODEL NM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
36.52972					0	
-43.44232	22.95000	49.13394	152.14404	1.000000	1	5.848
0.27837	-0.13351	11.12242	326.53296	0.226860	2	11.696
-9.37912	-1.60650	9.52955	190.19415	0.193963	3	17.544
0.72702	0.99161	1.22957	53.75229	0.025024	4	23.392
-3.63330	-1.05447	4.07020	207.04015	0.603019	5	29.240
0.05003	-0.10559	0.12007	299.12476	0.002440	6	35.088
-1.00046	-0.74542	1.31903	214.62150	0.626045	7	40.936
-0.24705	0.76724	0.00622	107.00939	0.016408	8	46.784
-0.35700	0.22954	0.42510	147.31063	0.000651	9	52.632
-0.40981	0.49793	0.64408	129.49551	0.013124	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 00
 MODEL NM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-27.99675					0	
14.19753	-14.54659	20.32044	314.30420	1.000000	1	5.848
-4.06394	15.08734	16.39006	104.54051	0.006767	2	11.696
0.25003	-0.39003	0.40177	271.71069	0.413930	3	17.544
1.27220	5.56601	9.71003	77.12709	0.300920	4	23.392
-1.38756	0.93030	1.68103	145.95227	0.002740	5	29.240
-3.10293	0.12731	3.10204	177.69045	0.152702	6	35.088
-0.65632	-0.30027	0.76257	210.60012	0.007516	7	40.936
-0.29124	-0.01696	0.29173	103.53192	0.014852	8	46.784
-1.75950	0.03305	1.76029	170.27267	0.004600	9	52.632
0.76342	-2.09407	2.97006	204.77734	0.147240	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
54.94440					0	
-34.88702	15.37667	38.12540	156.21423	1.000000	1	5.848
6.92258	-1.32375	7.04800	349.17432	0.184864	2	11.696
-8.19591	-3.60443	8.95348	203.73912	0.234843	3	17.544
0.42072	-0.55014	0.82943	318.44971	0.021755	4	23.392
-2.39238	-2.58622	3.52307	227.22955	0.092407	5	29.240
0.01683	-0.64245	0.64267	271.50073	0.016857	6	35.088
-0.63232	-1.40482	1.54057	245.76723	0.040408	7	40.936
-0.30075	-0.17719	0.34907	210.50520	0.009156	8	46.784
-0.22408	-0.38789	0.44796	239.98511	0.011750	9	52.632
-0.28807	-0.32853	0.43694	228.75420	0.011461	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
8.72523					0	
11.68803	10.53405	15.73455	42.02733	1.000000	1	5.848
-5.25075	10.95543	12.14874	115.60767	0.772106	2	11.696
-0.66790	-4.68080	4.72821	261.87915	0.300498	3	17.544
0.43072	3.54191	3.57047	82.74789	0.226919	4	23.392
0.30483	-0.35538	0.46821	310.62109	0.029757	5	29.240
-0.79262	-0.07814	0.79646	185.63000	0.050619	6	35.088
0.29298	0.43158	0.52183	55.82884	0.033152	7	40.936
0.12720	-0.17153	0.21358	386.57373	0.013574	8	46.784
-0.05615	-0.71943	1.11829	220.04842	0.071072	9	52.632
0.53118	-1.71166	1.79218	287.24872	0.113901	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
41.20958					0	
-20.91209	7.42731	22.19189	160.44458	1.000000	1	5.848
1.53404	1.46042	3.90722	25.14828	0.176865	2	11.696
-5.48222	-3.85204	6.79877	214.51222	0.386363	3	17.544
0.48371	-1.19313	1.28745	292.06896	0.058814	4	23.392
-1.11130	-2.37818	2.62502	244.95372	0.118287	5	29.240
0.09481	-0.70715	0.71348	277.63599	0.032150	6	35.088
-0.22577	-1.32852	1.34757	260.35522	0.068723	7	40.936
-0.22161	-0.66291	0.69897	251.51556	0.031497	8	46.784
-0.03496	-0.63810	0.63706	266.85425	0.028707	9	52.632
-0.13131	-0.66944	0.68219	258.90186	0.030741	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
24.61049					0	
6.63576	22.79765	23.74376	73.77116	1.000000	1	5.848
-4.81652	5.32955	7.18352	132.10538	0.302544	2	11.696
-1.31964	-1.30302	1.85456	224.63646	0.078107	3	17.544
-0.22893	1.49476	1.51091	98.38510	0.063834	4	23.392
1.07586	-1.08020	1.52456	314.88452	0.064209	5	29.240
0.69872	-0.32199	0.76934	335.25806	0.032402	6	35.088
0.71112	0.67710	0.98191	43.59647	0.041355	7	40.936
0.41405	-0.19672	0.45841	334.58716	0.019306	8	46.784
-0.12725	-0.87570	0.88490	261.73218	0.037269	9	52.632
0.23366	-0.63267	0.67444	290.27051	0.028405	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL XM-91A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.83131					0	
-17.06711	5.91506	18.06305	160.88489	1.000000	1	5.848
1.34480	3.37044	3.62883	68.26796	0.700000	2	11.696
-5.53067	-4.78848	7.26347	220.40904	0.402118	3	17.544
0.50814	-1.13774	1.24485	294.86641	0.068904	4	23.392
-0.83615	-2.55397	2.68674	251.91248	0.148742	5	29.240
0.42623	-0.52165	0.67363	309.25144	0.037293	6	35.088
-0.14098	-1.05264	1.06206	262.37158	0.058797	7	40.936
-0.10235	-0.74531	0.80186	262.46626	0.044393	8	46.784
0.20143	-0.62722	0.65875	207.88444	0.036469	9	52.632
-0.03978	-0.60564	0.60694	266.24146	0.033601	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL XM-91A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.18994					0	
4.16354	29.90457	30.19301	82.07373	1.000000	1	5.848
-5.15693	3.94440	6.49247	142.58864	0.215832	2	11.696
-1.56448	-0.11819	1.56894	184.32030	0.051964	3	17.544
-0.87928	0.99056	1.33951	131.36533	0.044067	4	23.392
1.37686	-1.69159	2.18068	309.12720	0.072222	5	29.240
1.37693	-0.55781	1.48564	337.96678	0.049205	6	35.088
0.81586	0.44792	0.95584	31.39577	0.031654	7	40.936
0.86160	-0.18878	0.88896	347.96434	0.029178	8	46.784
0.81833	-0.78624	0.78131	275.75708	0.025877	9	52.632
0.13421	-0.50614	0.51784	285.02075	0.017151	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
 MODEL XM-91A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
94.18570					0	
-20.31818	9.43250	22.40069	155.09741	1.000000	1	5.848
-9.61215	10.84189	12.20831	117.56778	0.544992	2	11.696
-11.79451	-11.49867	16.47194	224.27180	0.735325	3	17.544
1.38157	-0.53785	1.48257	338.72852	0.066103	4	23.392
-1.31556	-4.84525	5.82367	254.88946	0.224128	5	29.240
2.14894	0.33698	2.17520	8.91207	0.097103	6	35.088
-0.38477	-0.88957	0.31788	196.37697	0.014101	7	40.936
0.43337	-1.18362	1.18566	291.43872	0.052929	8	46.784
1.20602	-0.49710	1.30445	337.59937	0.058232	9	52.632
0.19423	-0.04315	0.19896	347.47510	0.008882	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
 MODEL XM-91A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
55.53918					0	
0.80754	59.55826	59.56372	89.22313	1.000000	1	5.848
-9.58614	6.94940	11.84011	144.06007	0.198781	2	11.696
-2.76029	0.89333	2.98125	162.06651	0.048788	3	17.544
-3.54319	1.67852	3.92066	154.65160	0.065823	4	23.392
2.43899	-4.37345	5.00368	299.86738	0.064805	5	29.240
3.14486	-1.60064	3.52805	337.01019	0.059232	6	35.088
0.96824	-0.60581	1.14215	327.44655	0.019175	7	40.936
3.19101	-0.23816	3.19989	355.73173	0.053722	8	46.784
-0.22424	-0.39894	0.45764	240.65977	0.007603	9	52.632
0.13722	-1.53841	1.54452	275.09717	0.029931	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
 MODEL RM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
55.37261					0	
1.28191	-2.09700	2.45705	301.43677	0.160916	1	5.040
-0.34944	11.90275	14.55070	125.11507	1.000000	2	11.080
-0.01419	-10.26347	14.20061	226.20100	0.975040	3	17.544
2.53052	-0.09044	2.52214	357.04434	0.173395	4	23.392
-0.21506	-2.01360	2.02167	260.74074	0.200792	5	29.240
1.30681	0.55294	1.41090	22.93634	0.097520	6	35.088
0.12960	0.65049	0.67212	78.07572	0.046191	7	40.936
0.04023	-0.51292	0.90442	320.59766	0.067054	8	46.784
0.02517	-0.25416	0.04343	342.00037	0.051039	9	52.632
0.24622	0.22601	0.33432	42.54095	0.022049	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
 MODEL RM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
62.09020					0	
0.77632	20.25698	20.26623	80.42607	1.000000	1	5.040
-0.02113	0.70015	0.60757	120.50080	0.500215	2	11.080
-2.36504	0.04400	2.34846	170.00210	0.003600	3	17.544
-2.14000	1.19770	2.45771	150.00004	0.004952	4	23.392
1.05050	-2.01314	2.01064	300.01340	0.099721	5	29.240
1.29017	-0.00000	1.50000	325.00000	0.006046	6	35.088
0.05257	-0.55413	0.55462	275.41095	0.010095	7	40.936
2.43064	-0.10715	2.44103	391.02246	0.007777	8	46.784
0.00079	-0.10542	0.10042	270.22534	0.006540	9	52.632
0.42705	-1.04000	1.12500	200.30706	0.039002	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
 MODEL RM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.30444					0	
22.00534	-20.63403	30.75916	317.06035	1.000000	1	5.040
-0.92000	19.04010	22.10571	110.50402	0.721304	2	11.080
-14.31324	-14.54477	20.42062	225.00000	0.669974	3	17.544
5.34990	-2.24449	5.00603	337.97076	0.194055	4	23.392
1.45171	-3.00048	3.34042	295.75003	0.100013	5	29.240
-0.33300	-0.34359	0.47053	225.00050	0.015059	6	35.088
0.04754	-0.10091	0.07627	345.90074	0.021024	7	40.936
1.12024	-0.72739	1.34239	327.10070	0.043040	8	46.784
-0.09195	-1.01419	1.01005	260.01050	0.033112	9	52.632
0.09300	-0.70936	0.71340	277.06099	0.023262	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
 MODEL RM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
123.00000					0	
10.32002	7.40404	12.75407	35.02712	0.000007	1	5.040
-4.25000	12.15712	12.07075	100.27101	1.000000	2	11.080
-4.70500	-2.00130	5.55103	210.30511	0.431040	3	17.544
0.64053	1.02972	1.21209	50.11630	0.094162	4	23.392
0.04546	-0.55030	1.02500	327.95005	0.070435	5	29.240
-0.00003	-0.13400	0.09071	100.03269	0.069702	6	35.088
-0.50455	0.62330	0.06304	133.95623	0.006997	7	40.936
1.67106	-1.13903	2.02230	325.72070	0.157020	8	46.784
0.00429	-1.10670	1.40804	307.30615	0.115053	9	52.632
1.00002	-0.35001	1.07019	340.51055	0.003007	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
 MODEL NM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
29.93106					0	
27.38616	-10.72572	33.17445	325.63501	1.000000	1	5.040
-6.40004	16.19073	17.42044	111.30577	0.525116	2	11.696
-11.50139	-9.50440	14.92354	239.50432	0.449050	3	17.544
2.73403	-3.30608	4.35268	306.91187	0.131206	4	23.392
2.62279	-2.65491	3.79197	314.60137	0.112495	5	29.240
-0.03652	-0.21370	0.21688	260.30495	0.004830	6	35.088
-0.77797	-0.36573	0.89965	205.17059	0.029913	7	40.936
-0.16067	-0.34506	9.30526	243.04990	0.011613	8	46.784
-0.40055	-0.47404	0.60795	223.90449	0.020737	9	52.632
-0.44710	-0.65617	0.79401	235.73074	0.023935	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
 MODEL NM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
31.12070					0	
8.94404	-1.22782	0.62074	332.10400	0.079009	1	5.040
-0.17460	6.04468	9.21069	132.00541	1.000000	2	11.696
-5.00739	-5.19615	7.21622	234.60977	0.782697	3	17.544
2.66150	-1.11009	2.70306	335.95042	0.293271	4	23.392
1.07401	2.09133	2.00066	40.12402	0.304637	5	29.240
-2.17946	-0.27433	2.19666	187.17403	0.238257	6	35.088
-1.33302	-1.23626	1.01999	222.87216	0.197403	7	40.936
1.03939	-0.05779	1.34764	330.64753	0.146170	8	46.784
1.10063	0.34350	1.22950	16.22227	0.133365	9	52.632
-0.90962	-0.29904	0.96409	206.04933	0.061249	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
 MODEL NM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
26.21960					0	
33.18201	-20.65049	43.04335	319.18935	1.000000	1	5.040
-6.17371	16.06166	17.20729	111.02559	0.592672	2	11.696
-12.14023	-9.07362	15.15630	216.77446	0.349094	3	17.544
2.00040	-6.03200	5.23203	292.99054	0.119335	4	23.392
3.99375	-3.66319	5.10373	314.13110	0.116408	5	29.240
0.19765	0.22038	0.29603	40.11235	0.004752	6	35.088
-1.09207	-0.41914	1.74321	193.91270	0.039760	7	40.936
-1.02906	-0.45079	1.22254	212.00044	0.027004	8	46.784
-0.66111	-0.33968	0.74327	207.19079	0.016953	9	52.632
-0.52769	-0.44101	0.60771	219.00720	0.015606	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
 MODEL NM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.54642					0	
10.49040	12.57906	22.37013	34.21600	1.000000	1	5.040
-6.00753	10.09533	12.79036	122.14006	0.572029	2	11.696
-9.29960	-7.04059	11.66415	217.12001	0.521416	3	17.544
2.32995	-2.97011	3.77240	300.00519	0.160039	4	23.392
4.06236	1.06290	4.46916	24.65996	0.199702	5	29.240
-1.04009	-0.02702	1.04029	100.04119	0.002204	6	35.088
-1.53100	-0.99903	1.02063	213.14945	0.001744	7	40.936
-0.00672	-2.23219	2.23220	269.02739	0.099705	8	46.784
1.43126	0.37905	1.40060	16.03330	0.006104	9	52.632
-0.90337	-0.55335	1.12036	209.36679	0.050441	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
 MODEL RM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
8.78113					0	
17.24347	-18.17653	25.05440	313.44097	1.000000	1	5.848
-2.94484	7.47436	8.03356	111.50414	0.320645	2	11.696
-5.96244	-4.41357	7.41824	216.50995	0.296085	3	17.544
0.98322	-2.71786	2.89023	289.88818	0.115358	4	23.392
1.88784	-2.08502	2.81269	312.15845	0.112263	5	29.240
0.87045	0.24222	0.25226	73.78291	0.010068	6	35.088
-0.95758	-0.23185	0.98520	193.59909	0.039522	7	40.936
-0.88648	-0.49483	0.84423	215.78510	0.033776	8	46.784
-0.35752	-0.18537	0.40271	207.40627	0.016874	9	52.632
-0.70046	-0.13530	0.24185	214.01776	0.009653	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
 MODEL RM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
27.34357					0	
13.25468	12.24442	18.04488	42.73581	1.000000	1	5.848
-2.84452	7.49300	8.02262	110.91948	0.444563	2	11.696
-6.14804	-3.71193	7.18170	211.12183	0.397944	3	17.544
0.82073	-1.90851	2.07759	293.26855	0.115127	4	23.392
2.86158	0.44374	2.69886	9.27680	0.149443	5	29.240
-0.54515	0.17553	0.57271	162.15169	0.031736	6	35.088
-0.67371	0.01319	0.67384	178.87854	0.037340	7	40.936
-0.58139	-1.78225	1.77456	253.58791	0.098335	8	46.784
0.73681	-0.07794	0.74813	353.95532	0.041813	9	52.632
-0.42761	-0.35547	0.55806	219.73685	0.030814	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
 MODEL RM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.64761					0	
1.37684	-1.48713	2.02645	312.79492	1.000000	1	5.848
-0.23170	0.58632	0.63045	111.58305	0.311078	2	11.696
-0.47172	-0.34818	0.58630	216.43118	0.289295	3	17.544
0.07727	-0.21944	0.23265	289.39917	0.114794	4	23.392
0.15133	-0.18851	0.22349	311.92676	0.111755	5	29.240
0.00542	0.02085	0.02154	72.44044	0.010629	6	35.088
-0.07761	-0.01863	0.07981	193.49547	0.039381	7	40.936
-0.05673	-0.04115	0.07888	215.95743	0.034581	8	46.784
-0.02872	-0.01478	0.03230	207.22691	0.015935	9	52.632
-0.01526	-0.00949	0.01888	212.42140	0.008921	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
 MODEL RM-51A SHIP 1002C TEST 501 OSC CTR 346 TEST COND 23 COMP RUN 42.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.29449					0	
1.09052	1.04172	1.51391	43.47968	1.000000	1	5.848
-0.22164	0.61823	0.65676	109.72354	0.433815	2	11.696
-0.50563	-0.29728	0.58655	210.45331	0.387439	3	17.544
0.06134	-0.15684	0.16841	291.36060	0.111245	4	23.392
0.21090	0.02906	0.22082	7.56195	0.145859	5	29.240
-0.03983	0.01607	0.04221	157.62811	0.027880	6	35.088
-0.05253	0.00663	0.05295	172.80597	0.034975	7	40.936
-0.04564	-0.14193	0.14908	252.17334	0.098476	8	46.784
0.05869	-0.00899	0.05938	351.28931	0.039221	9	52.632
-0.03349	-0.02918	0.04442	221.06369	0.029340	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.91601					0	
-0.83733	1.06157	1.35205	128.26508	1.000000	1	5.917
0.03663	-0.80295	0.80378	272.61157	0.594492	2	11.834
-0.04867	0.41723	0.41983	96.38188	0.310513	3	17.751
-0.15499	0.01582	0.15579	174.17134	0.115227	4	23.669
-0.12626	0.14795	0.19450	130.47667	0.143858	5	29.586
-0.02985	0.04699	0.05567	122.41971	0.041175	6	35.503
-0.06048	0.14670	0.15868	112.40497	0.117364	7	41.421
-0.11536	0.06109	0.13054	152.09552	0.096547	8	47.337
-0.11523	0.00877	0.11556	175.64548	0.089471	9	53.254
-0.09763	-0.03506	0.10408	200.27327	0.076977	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.80710					0	
-0.36058	-0.63458	0.72987	240.39362	0.891187	1	5.917
-0.79551	-0.17447	0.81899	193.75235	1.000000	2	11.834
-0.57884	0.17888	0.60585	162.82957	0.759751	3	17.751
0.13297	0.02660	0.13540	11.31472	0.165572	4	23.669
0.01178	0.27627	0.27653	87.55768	0.337644	5	29.586
0.16207	0.00001	0.18443	28.50395	0.225191	6	35.503
-0.08869	-0.00613	0.08891	183.95374	0.100556	7	41.420
-0.09893	-0.06252	0.11703	212.28922	0.142894	8	47.337
-0.24960	-0.12556	0.28122	207.43134	0.343378	9	53.254
-0.10591	-0.09256	0.14065	221.5321	0.171743	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.53385					0	
-4.22043	5.16353	6.66889	129.26182	1.000000	1	5.917
0.24122	-3.91843	3.92504	273.52271	0.588681	2	11.834
-0.28301	1.98431	2.00637	98.10905	0.308836	3	17.751
-0.72047	0.03903	0.72153	176.89986	0.108193	4	23.669
-0.63207	0.68265	0.93033	132.79666	0.139503	5	29.586
-0.13435	0.19257	0.23481	124.98327	0.035209	6	35.503
-0.29891	0.67280	0.73421	113.95497	0.110395	7	41.420
-0.53675	0.27086	0.48122	193.22381	0.098152	8	47.337
-0.54890	0.03355	0.55005	176.29399	0.082488	9	53.254
-0.46459	-0.17950	0.49806	201.12495	0.074684	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-3.82202					0	
-1.78319	-2.98534	3.40892	238.45990	0.875275	1	5.917
-3.79750	-0.89315	3.89469	193.25737	1.000000	2	11.834
-2.76414	0.83341	2.88896	163.23288	0.741749	3	17.751
0.63919	0.08753	0.64516	7.79773	0.165651	4	23.669
0.04791	1.27781	1.27791	87.85138	0.328116	5	29.586
0.78112	0.38578	0.85331	26.87831	0.219895	6	35.503
-0.40416	-0.04150	0.48829	185.86275	0.104318	7	41.420
-0.45805	-0.30982	0.55299	214.87361	0.141986	8	47.337
-1.15582	-0.62149	1.31232	208.26495	0.336950	9	53.254
-0.48242	-0.44895	0.85356	222.42813	0.167814	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 104 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
11.49848					0	
-11.22186	12.92624	17.11775	130.96277	1.000000	1	5.917
0.80434	-9.86637	9.90592	275.12183	0.578693	2	11.834
-0.43745	4.78093	4.87589	101.32683	0.284844	3	17.751
-1.45518	-0.07095	1.45670	102.45378	0.096783	4	23.669
-1.46210	1.54441	2.26887	137.10194	0.132545	5	29.586
-0.28824	0.32195	0.43213	131.83052	0.025244	6	35.503
-0.76934	1.50300	1.60846	117.10668	0.098638	7	41.420
-1.23538	0.56116	1.35686	155.37051	0.079266	8	47.337
-1.32274	0.05732	1.37398	177.51872	0.077345	9	53.254
-1.11736	-0.46757	1.21124	202.70720	0.070759	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 104 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-9.10644					0	
-4.90630	-6.46700	7.93282	734.88412	0.867825	1	5.917
-9.14117	-1.99855	9.35667	192.32845	1.000000	2	11.834
-6.70525	1.92382	6.97770	169.99113	0.745548	3	17.751
1.36642	0.03286	1.36696	1.20169	0.167478	4	23.669
0.87811	2.89005	2.90898	88.45711	0.310035	5	29.586
1.78444	0.77756	1.96649	23.54497	0.200033	6	35.503
-0.89865	-0.15586	0.90618	109.92619	0.096635	7	41.420
-1.04383	-0.88114	1.31283	217.50624	0.140638	8	47.337
-2.43453	-1.51735	3.04024	309.93964	0.324928	9	53.254
-1.06231	-1.06272	1.50262	225.01088	0.168993	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 104 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.99539					0	
-32.28349	-30.95063	44.64876	134.90151	1.000000	1	5.917
4.60996	-24.16653	24.61343	288.93588	0.955748	2	11.834
-4.22444	9.74337	10.81976	113.44080	0.230921	3	17.751
-2.56537	-1.48814	3.09919	213.29798	0.069590	4	23.669
-4.57860	2.25423	5.10347	153.78854	0.114017	5	29.586
-0.30861	-0.67623	0.74332	245.46938	0.016723	6	35.503
-2.80496	1.92112	2.77679	136.22340	0.064472	7	41.420
-1.97847	0.20971	1.99957	171.00940	0.044906	8	47.337
-2.69700	-0.14865	2.70189	183.15375	0.080787	9	53.254
-2.26368	-1.28284	2.60181	209.53664	0.090535	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 104 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-18.36503					0	
-12.28727	-9.04361	15.25640	216.35361	0.816522	1	5.917
-10.48582	-2.72015	10.68488	182.37886	1.000000	2	11.834
-13.97767	3.11416	14.32038	167.43991	0.766416	3	17.751
3.49175	-1.99090	3.83876	335.45068	0.205447	4	23.669
-0.16645	4.25063	4.25389	92.24519	0.227665	5	29.586
3.19812	0.17692	3.20381	3.16644	0.171423	6	35.503
-1.06735	-0.85089	1.35398	219.32780	0.072464	7	41.420
-1.94533	-2.14206	2.63386	236.87541	0.140961	8	47.337
-3.78297	-3.20435	5.16246	219.50893	0.276291	9	53.254
-1.28288	-2.15565	2.46655	246.83445	0.132888	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
94.04971					0	
-0.62924	28.56035	49.66315	144.89468	1.000000	1	5.917
4.87383	-23.63846	25.24918	290.57593	0.508409	2	11.834
-7.82330	6.11004	9.92655	142.00598	0.199870	3	17.751
-0.04584	-4.79014	4.29038	249.38770	0.086390	4	23.669
-5.53002	-0.49168	5.55184	185.08084	0.111790	5	29.506
0.45753	-3.19243	3.22505	278.15601	0.064938	6	35.503
-2.20990	-1.10404	2.47040	206.54536	0.049743	7	41.420
-0.12980	-1.59351	1.59879	265.34324	0.032193	8	47.337
-1.71306	-0.64547	1.83061	200.64456	0.036861	9	53.254
-1.35844	-1.49567	2.04760	226.92421	0.041230	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-10.18304					0	
-13.67199	4.04185	14.25692	163.53076	1.000000	1	5.917
-11.70704	1.22493	11.77095	174.02676	0.825630	2	11.834
-9.59677	0.32299	9.60220	178.07240	0.673511	3	17.751
2.76326	-4.46944	5.25467	301.72656	0.348569	4	23.669
-0.81494	-0.75083	1.10610	227.65514	0.077723	5	29.506
1.08221	-2.83224	3.03199	290.91162	0.212668	6	35.503
0.94605	-1.64237	1.89536	299.94317	0.132943	7	41.420
0.19992	-2.40648	2.41476	274.74902	0.169375	8	47.337
0.36567	-2.47198	2.50188	278.86743	0.175486	9	53.254
1.20273	-1.35978	1.81537	311.49268	0.127332	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.00655					0	
-52.41072	32.21965	61.52226	148.41876	1.000000	1	5.917
10.99775	-22.73477	25.25487	295.81396	0.410500	2	11.834
-13.53969	3.64072	14.01953	164.95050	0.227877	3	17.751
0.78102	-4.21153	5.26973	278.52295	0.085656	4	23.669
-7.61648	-2.93449	8.16260	201.06972	0.132677	5	29.506
1.95862	-4.48365	4.89278	293.59741	0.079529	6	35.503
-2.71628	-2.19172	3.49024	218.89952	0.056731	7	41.420
1.11977	-2.83166	3.04503	291.57617	0.049495	8	47.337
-0.93349	-0.87604	1.28018	223.18161	0.020808	9	53.254
-0.71759	-1.52362	1.68414	244.78056	0.027375	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.30657					0	
-12.07334	23.92265	26.79660	116.77934	1.000000	1	5.917
-10.52645	4.82501	11.57959	155.37469	0.432129	2	11.834
-7.55582	-0.94923	7.61521	187.16046	0.284186	3	17.751
1.36935	-6.31713	6.46384	282.23047	0.241219	4	23.669
-1.42735	-3.91444	4.16455	249.90626	0.155488	5	29.506
-0.38479	-4.67405	4.68906	265.29370	0.175017	6	35.503
2.14580	-1.90352	2.89847	318.94873	0.100166	7	41.420
1.09562	-2.90136	3.10133	290.68774	0.115736	8	47.337
3.55998	-1.87280	4.02254	332.25244	0.150114	9	53.254
2.29693	-1.11119	2.55160	334.18335	0.095221	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 494 USC CTR 194 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
38.24594					C	
-42.83588	27.13579	50.10757	147.64655	1.000000	1	5.917
5.67587	-10.43950	12.32429	297.42212	0.243046	2	11.834
-15.48360	0.80146	15.50433	177.03691	0.305760	3	17.751
-0.52705	-2.23176	2.29334	256.71362	0.045227	4	23.669
-1.35461	-3.37301	4.07119	204.63741	0.159566	5	29.586
3.02087	-2.41697	3.06977	321.33691	0.076296	6	35.503
-2.23716	-0.21034	2.24702	195.37112	0.044313	7	41.420
1.00527	-1.90783	2.15647	297.79540	0.042578	8	47.337
-0.17356	-0.44536	0.47799	244.70934	0.009426	9	53.254
-0.04627	-0.71944	0.72033	266.32007	0.014217	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 494 USC CTR 194 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
24.95230					C	
-2.31724	38.48374	38.55347	93.44585	1.000000	1	5.917
-10.94945	5.70430	12.34673	152.48169	0.320237	2	11.834
-5.14585	-0.10292	5.14687	191.14531	0.133500	3	17.751
-1.05140	-3.96924	4.10613	255.16376	0.106505	4	23.669
-1.37584	-2.84073	3.15637	244.15776	0.081870	5	29.586
-0.92061	-3.07067	3.20570	253.31087	0.083150	6	35.503
1.56801	-0.68109	1.71035	336.45996	0.044363	7	41.420
0.36772	-2.16276	2.19296	279.52051	0.056881	8	47.337
3.31743	-0.75043	3.40125	347.25366	0.088271	9	53.254
0.79524	-0.96914	1.25365	309.37085	0.032517	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 494 USC CTR 194 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
26.81673					C	
-25.87099	17.68193	31.33621	145.64974	1.000000	1	5.917
1.67316	-1.29586	1.68253	309.62939	0.053693	2	11.834
-13.37859	-1.79717	13.42350	194.68928	0.428370	3	17.751
-1.00529	-0.45855	1.10493	204.51978	0.035260	4	23.669
-5.39507	-2.41746	5.91192	204.13651	0.189661	5	29.586
2.46181	-0.72700	2.56694	343.54541	0.081916	6	35.503
-1.34305	0.99425	1.61103	246.28375	0.051411	7	41.420
0.44109	-0.71057	0.83631	301.83203	0.026688	8	47.337
-0.00220	-0.14173	0.14174	269.10034	0.004523	9	53.254
0.17282	-0.18197	0.25096	313.52222	0.008009	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 494 USC CTR 194 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
24.07860					C	
3.05736	35.99564	36.12523	85.14507	1.000000	1	5.917
-9.08126	4.79942	10.27150	152.14366	0.284330	2	11.834
-3.27790	0.41919	3.30447	172.72960	0.091673	3	17.751
-1.77859	-1.43891	2.28776	216.97346	0.061329	4	23.669
-1.08971	-0.97610	1.46295	221.85236	0.045497	5	29.586
-0.49850	-1.42242	1.73790	234.93231	0.048108	6	35.503
0.82544	0.24790	0.86234	16.70644	0.023871	7	41.420
-0.43203	-1.01254	1.10086	246.89322	0.030473	8	47.337
1.76225	-0.54983	1.76295	358.38013	0.048801	9	53.254
-0.41315	-0.68037	0.79599	238.73192	0.022034	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 494 USC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
27.09364					C	
-20.33417	15.44069	25.83763	141.90584	1.000000	1	5.917
-1.04902	4.11210	4.27287	104.21185	0.165374	2	11.834
-15.96028	-3.36531	16.31079	191.89983	0.631280	3	17.751
-0.42195	-1.11757	1.19457	249.31532	0.746234	4	23.669
-5.38512	-1.84252	5.69160	197.88817	0.277283	5	29.586
1.56578	-0.74910	1.73845	334.47534	0.067284	6	35.503
-0.79640	0.76894	1.10735	136.01808	0.042858	7	41.420
-0.10019	0.10236	0.14323	134.39405	0.005544	8	47.337
-0.56231	-0.23695	0.61829	202.44967	0.023617	9	53.254
0.10912	-0.17945	0.20951	301.36518	0.006109	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 494 USC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	PI	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
36.66518					C	
3.16593	41.56417	41.68454	85.64417	1.000000	1	5.917
-9.71535	5.43392	11.13173	150.78117	0.267047	2	11.834
-5.54119	0.42208	3.96625	173.20421	0.085553	3	17.751
-2.02071	-0.09549	2.02246	182.70616	0.048518	4	23.669
-1.76248	0.08693	1.76482	177.17670	0.042337	5	29.586
-1.76798	-1.46827	2.29816	219.70894	0.055132	6	35.503
0.88014	1.12751	1.42484	51.85098	0.034181	7	41.420
-1.68067	0.20052	1.69279	173.19626	0.040805	8	47.337
0.44720	0.21734	0.49721	25.91953	0.011924	9	53.254
-0.96716	-0.31217	1.01630	147.88962	0.024381	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 494 USC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
54.73444					C	
-14.29793	22.23297	29.44002	130.95757	0.677493	1	5.917
-5.81878	23.76741	24.46925	103.75603	0.558947	2	11.834
-41.15700	-14.91361	43.77742	199.92459	1.000000	3	17.751
3.14272	-8.70485	9.36879	791.69214	0.213998	4	23.669
-9.92905	-0.98757	9.97540	185.52579	0.227886	5	29.586
-2.01220	-3.59664	4.12179	240.77469	0.094142	6	35.503
0.41968	-1.55949	1.61401	795.07129	0.038969	7	41.420
-2.07666	2.42774	3.19475	130.54338	0.072977	8	47.337
-1.86217	-1.34914	4.09103	199.25534	0.093451	9	53.254
-0.54788	-1.11435	1.26277	241.94495	0.028844	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 494 USC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
87.60177					C	
-0.07829	46.45035	46.45035	90.05194	1.000000	1	5.917
-17.87621	13.84177	22.60854	147.24860	0.261520	2	11.834
-9.16165	-1.09134	9.22640	186.79311	0.106725	3	17.751
-1.52033	2.92730	3.44040	122.89737	0.040259	4	23.669
-5.79279	3.41641	6.72497	149.46411	0.077790	5	29.586
-5.92640	-4.83157	8.12018	216.51253	0.093929	6	35.503
3.00117	4.15265	5.12359	54.14433	0.059266	7	41.420
-6.96681	4.70395	9.40611	145.97360	0.097236	8	47.337
-3.86011	0.19750	3.94185	168.32557	0.045594	9	53.254
-2.81619	0.73475	7.71741	164.31779	0.031433	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 104 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.81190					0	
7.34850	-2.72592	7.83780	339.64746	0.204934	1	5.917
-4.63139	28.21846	28.59599	99.32046	0.754997	2	11.834
-34.84749	-14.84033	37.87589	203.06746	1.000000	3	17.751
4.70945	-10.23315	11.26482	294.71240	0.297414	4	23.669
-5.71779	0.60477	5.75011	173.92767	0.191814	5	29.588
-4.18005	-3.66646	5.56019	221.25508	0.146800	6	35.503
1.25850	-2.95490	3.21173	293.06934	0.084796	7	41.420
-1.93222	1.75651	2.61128	137.72728	0.068943	8	47.337
-3.24422	-1.58659	3.61140	206.06096	0.095348	9	53.254
-0.95067	-1.25512	1.57451	232.89035	0.041570	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 104 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
42.16498					0	
8.54780	33.49443	34.56792	75.68362	1.000000	1	5.917
-1.63711	14.51085	14.60291	96.43690	0.422441	2	11.834
-5.09458	-3.07342	6.64770	207.53748	0.192308	3	17.751
4.03137	0.93627	4.13864	13.07487	0.119726	4	23.669
-0.88029	4.38927	4.47644	101.33989	0.129503	5	29.588
-4.45364	-3.60194	5.72770	218.96461	0.165700	6	35.503
3.74864	0.11422	3.75042	1.74514	0.108494	7	41.420
-1.0179	2.46690	2.74484	115.97392	0.079382	8	47.337
-3.34293	1.22754	3.54118	159.83654	0.103020	9	53.254
-7.74823	-1.42149	3.09408	207.34970	0.089507	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 104 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
18.04894					0	
32.93967	-35.11264	49.14490	313.17114	1.000000	1	5.917
-1.25043	47.46710	42.98029	91.66719	0.892728	2	11.834
-44.55415	-17.01154	47.69135	200.89771	0.990379	3	17.751
4.51421	-14.61474	15.29605	287.16479	0.317789	4	23.669
-3.23647	-0.33192	3.25345	185.85558	0.067576	5	29.588
-4.21780	-2.72693	5.03935	217.76033	0.104670	6	35.503
0.23475	-3.86221	3.86933	273.47827	0.080368	7	41.420
-0.49288	-1.33605	1.42407	249.75060	0.075379	8	47.337
-0.98126	-1.67463	2.07175	241.72922	0.043032	9	53.254
-1.45126	-1.66111	2.20577	228.85725	0.045815	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 104 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.94813					0	
35.89224	-20.53491	41.35130	330.72510	1.000000	1	5.917
15.23789	24.68880	29.01086	58.31505	0.701571	2	11.834
-5.75497	-8.49158	9.98603	238.74904	0.241493	3	17.751
13.67931	-4.41449	14.37397	342.11426	0.347606	4	23.669
7.33330	6.27548	9.65202	40.55620	0.233415	5	29.588
-2.25337	-2.86097	3.64161	231.77518	0.188076	6	35.503
6.27740	-7.60693	9.86297	309.53225	0.238515	7	41.420
4.32607	-3.52031	9.98818	329.32129	0.241061	8	47.337
0.53241	1.08181	1.99567	74.20245	0.047294	9	53.254
-3.74380	-6.33798	7.36111	239.42990	0.178014	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL KH-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
8.43558					0	
35.25105	-37.20055	51.24954	313.45150	1.000000	1	5.917
4.53902	34.21931	34.83849	79.18161	0.679781	2	11.834
-34.34764	-8.66751	35.42436	194.16270	0.691213	3	17.751
0.35226	-16.79030	16.49405	271.22363	0.321838	4	23.669
4.77101	-2.32823	5.30879	333.98779	0.103587	5	29.586
-1.18746	3.12291	3.34112	110.82214	0.065193	6	35.503
-3.87615	-3.81299	5.43722	224.52940	0.106093	7	41.420
2.17949	-5.18343	5.62307	292.88713	0.109719	8	47.337
2.11071	0.13222	2.11485	3.58451	0.041266	9	53.254
-2.01511	-1.71005	2.64296	220.31839	0.051569	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL KH-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-9.91276					0	
18.81487	-18.70186	26.52044	315.17236	1.000000	1	5.917
-5.29506	18.89760	19.62540	105.65200	0.739787	2	11.834
-11.34631	-15.09906	18.88702	233.87664	0.711954	3	17.751
11.43414	-2.32272	11.67977	348.22876	0.448273	4	23.669
1.35857	6.48062	6.56651	80.72299	0.247527	5	29.586
-4.31182	-4.44217	6.19069	225.85304	0.233360	6	35.503
3.96481	-6.66335	6.12099	310.37134	0.230733	7	41.420
2.31200	-1.57606	2.80371	325.79639	0.105687	8	47.337
1.68188	-1.41121	2.19550	320.00098	0.082760	9	53.254
1.76109	-0.63120	0.98877	320.32935	0.037272	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL KH-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
6.71305					0	
39.60817	-45.07562	60.00514	311.30991	1.000000	1	5.917
5.65654	35.71527	36.16081	81.00035	0.602629	2	11.834
-36.24091	-9.01283	37.35295	193.96257	0.622496	3	17.751
0.38937	-18.33612	18.74024	271.21655	0.305644	4	23.669
7.17903	-2.95217	7.76233	337.64648	0.129361	5	29.586
-0.49960	3.87176	3.90386	97.35271	0.065059	6	35.503
-3.70654	-4.32897	5.69899	229.42903	0.094975	7	41.420
2.25788	-4.90121	5.39629	294.73438	0.089930	8	47.337
1.77257	-1.39378	2.25491	321.82178	0.037579	9	53.254
-0.10157	-3.08057	3.08224	268.11133	0.051366	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL KH-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.70383					0	
26.87242	-6.73589	27.70377	345.92798	1.000000	1	5.917
-4.99844	27.23976	27.69455	100.39804	0.999667	2	11.834
-22.15523	-11.66129	25.03676	207.75983	0.903731	3	17.751
3.08160	-7.11586	7.75447	293.41553	0.279907	4	23.669
1.93576	-1.15081	2.25200	329.26831	0.081289	5	29.586
0.95521	-0.82336	1.26109	319.23975	0.045520	6	35.503
2.23153	0.67699	2.33196	16.87657	0.084175	7	41.420
-3.82214	-2.42033	3.87186	218.89008	0.139759	8	47.337
3.64511	-3.94051	5.36791	312.76978	0.193761	9	53.254
2.72208	2.89428	3.98078	46.64881	0.143691	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.45469					0	
19.65755	-24.15311	31.14146	309.14111	1.000000	1	5.917
1.10145	17.43846	17.47321	86.38582	0.561091	2	11.834
-17.80516	-5.06729	18.51218	195.88615	0.594454	3	17.751
0.68192	-8.52234	8.54974	274.59813	0.274545	4	23.669
3.31391	-1.34948	3.57814	337.84277	0.114900	5	29.586
-0.22944	1.30134	1.37144	100.00748	0.042434	6	35.503
-0.99124	-2.10243	2.32439	244.75728	0.074640	7	41.420
0.72085	-1.57520	1.73231	294.59009	0.055627	8	47.337
0.30181	-1.61333	1.64132	280.57595	0.052705	9	53.254
0.97893	-1.98835	2.21426	296.21265	0.071166	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.40520					0	
18.92363	0.14823	18.92419	0.44879	1.000000	1	5.917
1.59126	16.82393	16.89900	94.59680	0.892984	2	11.834
-13.87524	-2.53472	14.10486	190.35260	0.745335	3	17.751
-2.17227	-5.91828	6.30434	249.84464	0.333137	4	23.669
2.49858	-4.29481	4.96873	300.18945	0.262563	5	29.586
3.46601	1.74672	3.88127	26.74614	0.205095	6	35.503
0.47101	2.19991	2.49777	77.91524	0.118893	7	41.420
-2.49888	-2.01925	3.21275	218.94029	0.169769	8	47.337
2.59094	-2.46931	3.57848	316.38843	0.189096	9	53.254
1.51194	1.99781	2.50545	52.88116	0.132394	10	59.172

HARMONIC ANALYSIS OF LIFT AT PEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.18385					0	
1.55884	-1.93588	2.48548	308.84229	1.000000	1	5.917
0.65847	1.37833	1.38093	57.15616	0.555238	2	11.834
-1.40867	-0.40769	1.46848	196.14104	0.590017	3	17.751
0.05940	-0.66959	0.67222	275.06905	0.270468	4	23.669
0.24113	-0.10597	0.28182	337.91211	0.113385	5	29.586
-0.01757	0.09685	0.09843	100.28160	0.039602	6	35.503
-0.06931	-0.16625	0.19012	247.36746	0.072470	7	41.420
0.05285	-0.11539	0.12692	294.60889	0.051063	8	47.337
0.01753	-0.13847	0.13957	277.21533	0.056156	9	53.254
0.08963	-0.16313	0.18613	298.78613	0.074887	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT PEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 184 TEST COND 25 COMP RUN 22.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.65833					0	
1.56261	0.05594	1.56361	2.05039	1.000000	1	5.917
0.16969	1.37213	1.39258	82.95023	0.884223	2	11.834
-1.13561	-0.18389	1.14737	188.21198	0.733795	3	17.751
-0.21645	-0.49684	0.54194	246.45932	0.346596	4	23.669
0.21477	-0.38431	0.44025	299.19849	0.281560	5	29.586
0.30949	0.16346	0.35000	27.84125	0.223842	6	35.503
0.02946	0.19722	0.19941	81.50436	0.127531	7	41.420
-0.21164	-0.16911	0.27091	218.62664	0.173257	8	47.337
0.21465	-0.20238	0.29501	316.68408	0.188673	9	53.254
0.12253	0.16674	0.20652	53.60696	0.132076	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.44538					0	
-1.00815	1.30877	1.45204	127.60743	1.000000	1	5.917
0.19848	-1.17852	1.19512	279.55981	0.723419	2	11.834
0.08096	0.45602	0.46315	79.93271	0.280349	3	17.751
-0.11135	-0.28456	0.30557	248.42901	0.184968	4	23.669
0.01797	0.05314	0.05412	71.32164	0.033948	5	29.586
0.07259	0.11759	0.13819	58.51276	0.083647	6	35.503
-0.10355	0.27479	0.29365	110.64845	0.177751	7	41.420
-0.17255	0.14786	0.22723	139.48659	0.137545	8	47.337
-0.13183	0.03148	0.13553	166.56750	0.082040	9	53.254
-0.03960	-0.02251	0.04556	209.61639	0.027575	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.04479					0	
-0.49833	-1.89386	2.01851	249.75945	1.000000	1	5.917
-1.27005	-0.27750	1.36001	192.32512	0.644046	2	11.834
-0.59767	0.02204	0.59808	177.88849	0.298297	3	17.751
-0.05038	-0.04433	0.06711	221.34839	0.033246	4	23.669
-0.12514	0.29994	0.32501	112.65063	0.161815	5	29.586
0.30088	0.05496	0.30506	18.95288	0.151529	6	35.503
0.00400	-0.20391	0.28395	271.12378	0.101041	7	41.420
0.13367	-0.25019	0.28366	290.11377	0.140728	8	47.337
0.01760	-0.23069	0.23136	274.36182	0.114621	9	53.254
0.02509	-0.21119	0.21268	276.77612	0.105364	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.32941					0	
-5.04516	6.32693	8.09220	128.56927	1.000090	1	5.917
1.01176	-5.71653	5.80340	280.04084	0.717168	2	11.834
0.33016	2.19860	2.21534	81.42896	0.273763	3	17.751
-0.53119	-1.39866	1.45881	248.64667	0.188273	4	23.669
0.03584	0.20447	0.20799	80.05865	0.025653	5	29.586
0.36385	0.55835	0.64644	56.98968	0.082356	6	35.503
-0.52772	1.28819	1.59209	112.27678	0.172029	7	41.420
-0.08884	0.69871	1.06823	139.15018	0.132888	8	47.337
-0.65824	0.14816	0.64491	167.16411	0.082414	9	53.254
-0.20040	-0.11153	0.22935	209.09721	0.028342	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.03312					0	
-3.37613	-8.93631	9.55279	249.30341	1.000000	1	5.917
-6.14190	-1.37100	6.29305	192.50331	0.658766	2	11.834
-2.92159	0.10233	2.92338	177.99485	0.368024	3	17.751
-0.26388	-0.23971	0.35444	222.26157	0.037313	4	23.669
-0.56087	1.49560	1.51337	111.75325	0.158422	5	29.586
1.43298	0.24327	1.45348	9.63476	0.152153	6	35.503
0.05248	-0.98782	0.98922	273.04126	0.103952	7	41.420
0.62807	-1.21649	1.38985	297.30713	0.143315	8	47.337
0.09388	-1.12844	1.12438	274.74878	0.117493	9	53.254
0.13930	-1.00241	1.01205	277.91138	0.105942	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
MODEL HM-91A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.12398					0	
-17.25905	15.66549	20.92339	130.24414	1.000000	1	5.917
2.73089	-14.22630	14.48763	280.89722	0.705908	2	11.834
0.94360	5.36177	5.30925	84.21062	0.262591	3	17.751
-1.28343	-3.28006	3.92967	248.67770	0.171903	4	23.669
-0.13959	0.27125	0.30906	117.23172	0.014864	5	29.586
0.95884	1.33734	1.64555	54.31835	0.060179	6	35.503
-1.42799	3.00975	3.33133	115.38226	0.162319	7	41.420
-1.00402	1.65816	2.50979	138.64842	0.122289	8	47.337
-1.66887	0.34876	1.70414	168.19086	0.083034	9	53.254
-0.93622	-0.28823	0.60877	208.25903	0.029662	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
MODEL HM-91A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.75878					0	
-0.36814	-21.14618	22.73878	248.42899	1.000000	1	5.917
-15.21701	-3.92659	19.62031	193.04814	0.606944	2	11.834
-7.37844	0.23459	7.58216	178.17896	0.324651	3	17.751
-0.74381	-0.70714	1.02630	223.55223	0.045195	4	23.669
-1.10995	3.28160	3.49183	109.94675	0.153527	5	29.586
3.45162	0.50188	3.48792	8.27388	0.153591	6	35.503
0.27821	-2.45518	2.47889	276.46484	0.108864	7	41.420
1.47487	-3.04358	3.38168	295.84253	0.148719	8	47.337
0.26431	-2.79762	2.81027	275.43774	0.123969	9	53.254
0.42541	-2.39987	2.43649	288.05518	0.107151	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
MODEL HM-91A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.26111					0	
-34.99400	35.63954	51.34059	134.06833	1.000000	1	5.917
0.97160	-33.32198	34.40677	284.42578	0.669082	2	11.834
-0.95944	11.92633	11.96486	94.59943	0.232922	3	17.751
-2.42266	-6.86154	7.34578	249.88185	0.143080	4	23.669
-2.13725	-1.30395	2.50362	211.58757	0.040738	5	29.586
2.63343	2.85030	3.00067	47.26530	0.075545	6	35.503
-4.35975	5.27250	6.04154	129.50605	0.132185	7	41.420
-3.17578	3.21951	4.58225	134.68832	0.088035	8	47.337
-4.36694	0.78671	4.43374	178.84204	0.088312	9	53.254
-1.63245	5.74895	1.79685	284.64525	0.034964	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
MODEL HM-91A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.98820					0	
-19.30882	-48.59293	44.94833	244.56877	1.000000	1	5.917
-34.64923	-9.44354	35.91389	193.24551	0.709966	2	11.834
-18.23441	0.44815	18.23978	178.68782	0.405794	3	17.751
-2.47880	-2.63886	3.62850	226.79143	0.088948	4	23.669
-0.87169	5.77330	5.84871	98.56311	0.129943	5	29.586
6.97649	0.25297	6.98127	2.87662	0.155318	6	35.503
1.99566	-5.83635	6.16811	288.87720	0.137227	7	41.420
2.81781	-7.24554	7.77388	291.24961	0.172952	8	47.337
6.98871	-0.57390	6.84883	278.48486	0.147873	9	53.254
1.75914	-4.73487	5.89893	298.58452	0.112359	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL KH-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
20.61247					C	
-44.64763	30.61540	54.13406	145.56113	1.000000	1	5.917
11.40449	-30.04444	32.13072	290.78809	0.593666	2	11.834
-5.30341	9.33457	10.73593	119.60300	0.198314	3	17.751
-1.71201	-4.64639	4.95204	249.76447	0.091474	4	23.649
-5.56560	-4.98160	7.44948	221.83037	0.137976	5	29.506
3.20302	1.78981	3.64986	29.18900	0.067790	6	35.503
-5.79526	1.52503	5.98256	165.25679	0.110694	7	41.420
-0.73712	1.60106	1.76259	114.72110	0.032559	8	47.337
-4.75068	0.41819	4.76905	174.96931	0.088094	9	53.254
-2.10011	-0.83907	2.26153	201.77858	0.041775	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL KH-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
21.37607					C	
-16.72455	-18.99052	25.31114	228.64224	0.799222	1	5.917
-29.09000	-18.44164	31.64671	199.25002	1.000000	2	11.834
-18.10350	0.10232	18.16377	179.67723	0.573530	3	17.751
-3.64829	-4.18117	5.54302	228.95587	0.175051	4	23.649
2.60486	1.66549	3.09179	32.59393	0.097626	5	29.506
4.36707	-1.46676	4.60817	341.45776	0.145444	6	35.503
4.22127	-5.24003	6.73505	308.81192	0.212665	7	41.420
1.14730	-6.77090	6.86749	279.61694	0.216047	8	47.337
1.46998	-6.03978	6.21609	283.47871	0.196279	9	53.254
2.89649	-2.68199	3.94750	317.20100	0.124444	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL KH-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
25.05431					C	
-54.75836	30.93896	62.89433	158.93317	1.000000	1	5.917
10.62166	-28.23685	30.16850	298.61430	0.479670	2	11.834
-11.35767	4.77439	12.32036	157.19972	0.195090	3	17.751
-1.68442	-2.72813	3.20729	238.27730	0.030993	4	23.649
-11.55406	-10.40450	15.60195	222.22153	0.248066	5	29.506
4.80375	-1.96702	5.19087	337.73193	0.082533	6	35.503
-6.98989	-8.99513	7.06037	188.18254	0.112258	7	41.420
-0.67282	-0.73538	0.99673	227.54304	0.015048	8	47.337
-4.56405	-2.02438	4.99469	203.91028	0.079414	9	53.254
-1.79661	-1.10265	2.10000	211.53894	0.033516	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL KH-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.12656					C	
-12.57881	10.18791	18.18701	148.99510	0.907457	1	5.917
-30.66759	-8.77504	31.89830	195.96762	1.000000	2	11.834
-17.39846	-1.01237	17.38815	183.33775	0.549112	3	17.751
-5.23010	-5.20450	7.37840	224.85962	0.231310	4	23.649
3.83551	-1.94593	4.38090	333.89912	0.184032	5	29.506
3.63064	-2.80339	4.50699	322.32642	0.145000	6	35.503
5.20037	-2.50797	5.77354	334.25342	0.180998	7	41.420
-3.02477	-6.72694	7.37560	245.78886	0.231225	8	47.337
-1.65992	-6.47208	6.55829	279.38054	0.205400	9	53.254
2.79525	-1.34478	3.10191	334.30786	0.097244	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
20.66522					0	
-41.56508	23.14043	47.57242	150.89412	1.000000	1	5.917
1.23737	-14.97900	15.03002	274.72217	0.315940	2	11.834
-14.03838	-3.64712	14.50439	194.56376	0.304891	3	17.751
-1.76525	-0.27808	1.78701	188.95212	0.037564	4	23.669
-14.37739	-12.53005	19.07121	221.07748	0.400888	5	29.586
5.21669	-7.18714	8.88081	305.97335	0.186680	6	35.503
-4.57585	-1.46289	4.80400	197.72893	0.100923	7	41.420
-2.64850	-3.08821	4.08141	229.16989	0.085794	8	47.337
-1.83554	-5.34167	5.64825	251.03571	0.118730	9	53.254
0.11368	-1.09732	1.10319	275.91455	0.023190	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
22.12680					0	
-1.82999	39.62907	39.67130	92.64397	1.000000	1	5.917
-23.88918	-0.35839	23.89186	180.85947	0.602246	2	11.834
-8.35210	-2.52954	8.72675	196.84956	0.219976	3	17.751
-4.64168	-3.30063	5.69555	215.41608	0.143569	4	23.669
0.82723	-3.66089	3.75319	282.73291	0.094607	5	29.586
3.28075	-2.29650	4.00465	325.00806	0.100946	6	35.503
2.55460	3.02104	3.96628	49.90321	0.099979	7	41.420
-7.69267	-4.06175	8.69914	207.83412	0.219280	8	47.337
-0.71283	-4.92553	4.97684	261.76514	0.125452	9	53.254
0.13016	-0.43921	0.45713	286.94224	0.011523	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
12.28008					0	
-23.61282	13.46971	26.66499	149.65901	1.000000	1	5.917
-4.27532	-3.42692	5.47144	218.71428	0.205485	2	11.834
-12.47282	-7.17900	14.39129	209.92348	0.539707	3	17.751
-1.26394	0.69110	1.44054	151.33080	0.054024	4	23.669
-11.85096	-9.99107	15.50054	220.13290	0.581307	5	29.586
4.12234	-7.81862	8.83881	297.80029	0.331476	6	35.503
-1.89966	-1.08647	2.18840	209.76659	0.082070	7	41.420
-2.87362	-3.16835	4.27740	227.79269	0.160413	8	47.337
-0.04587	-5.38474	5.38493	269.51172	0.201947	9	53.254
1.13405	-0.91892	1.45962	320.98218	0.054739	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
14.24753					0	
3.73165	43.51823	43.67792	85.09889	1.000000	1	5.917
-13.05708	4.46639	15.70555	163.47804	0.359576	2	11.834
-1.90644	-2.89853	3.46929	236.66594	0.079429	3	17.751
-2.87949	-1.47609	3.23578	177.14066	0.074083	4	23.669
-1.14484	-3.22797	3.42498	210.47229	0.078414	5	29.586
2.28975	-1.27794	2.62223	330.65150	0.060036	6	35.503
0.61167	4.61366	4.65403	82.44780	0.106553	7	41.420
-7.47742	-1.52215	7.63077	191.50624	0.174705	8	47.337
-1.44488	-2.76970	3.12393	242.45004	0.071522	9	53.254
-1.36880	-0.16607	1.37883	186.91750	0.031568	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
9.43290					C	
-16.32727	11.12089	19.75484	145.74031	1.000000	1	5.917
-6.85196	3.55449	7.71914	152.58047	0.390747	2	11.834
-14.85697	-9.64587	17.71361	212.99358	0.896672	3	17.751
-0.46748	0.72865	0.86577	122.68303	0.043823	4	23.669
-11.33256	-9.00734	14.47615	218.47835	0.732790	5	29.586
4.02298	-8.24437	9.17355	296.01074	0.464370	6	35.503
-0.24492	-1.38264	1.40416	259.95459	0.071079	7	41.420
-1.85679	-2.62021	3.21141	234.67647	0.162563	8	47.337
0.19235	-4.78905	4.79290	272.30005	0.242619	9	53.254
1.65051	-1.44909	2.19637	318.71777	0.111161	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
25.41586					C	
4.65024	51.29723	51.50757	84.82007	1.000000	1	5.917
-13.64050	7.09391	14.84514	151.45424	0.288213	2	11.834
-0.18272	-3.19746	3.20264	268.74170	0.062178	3	17.751
-2.32471	-1.30695	2.66693	209.34427	0.051777	4	23.669
-1.65547	-3.33619	3.72434	243.60867	0.072307	5	29.586
1.50340	-0.81247	1.70889	331.61204	0.033178	6	35.503
0.64928	4.17307	4.25862	78.49657	0.082479	7	41.420
-6.33554	0.25584	6.34070	177.68933	0.123102	8	47.337
-1.90523	-1.74878	2.58614	222.54829	0.050209	9	53.254
-1.93070	-0.57250	2.01379	196.51634	0.039097	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
8.75197					C	
-9.92661	12.57438	16.02194	128.28426	0.365163	1	5.917
-15.95340	29.29552	33.35773	118.57137	0.760270	2	11.834
-37.60579	-22.60362	43.87617	211.00870	1.000000	3	17.751
2.65928	-0.53874	2.71330	348.54736	0.061848	4	23.669
-16.91717	-11.27869	20.00063	214.32706	0.455942	5	29.586
6.79599	-12.21239	13.97598	299.09521	0.318532	6	35.503
4.17371	-3.75023	5.61107	318.05908	0.127884	7	41.420
2.96615	-0.78709	3.06880	345.13843	0.069942	8	47.337
-0.74539	-3.34147	3.42360	247.42480	0.078029	9	53.254
3.65935	-4.59338	5.97281	308.54272	0.133850	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
95.84401					C	
5.50735	102.56303	102.71077	86.92627	1.000000	1	5.917
-20.26506	18.32693	27.32301	137.87509	0.266019	2	11.834
-0.73299	-7.56924	7.60465	264.46875	0.074039	3	17.751
-1.30236	-3.32421	3.57022	248.60574	0.034760	4	23.669
-2.28698	-5.33378	5.80341	248.79164	0.056502	5	29.586
-1.15033	-0.70785	1.16896	190.24213	0.011381	6	35.503
4.87645	0.79888	4.94146	9.30378	0.048110	7	41.420
-2.36800	5.59741	6.07770	112.93100	0.039173	8	47.337
-3.46999	0.50198	3.50611	171.76859	0.034136	9	53.254
-3.75177	-3.07479	4.85072	219.33571	0.047227	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.55352					0	
13.49402	-8.75489	16.08528	327.02441	0.412261	1	5.917
-13.04749	36.77092	39.01720	104.53461	1.000000	2	11.834
-32.24901	-18.99945	37.47963	210.50438	0.959311	3	17.751
3.10153	-3.13409	4.40431	314.70048	0.113009	4	23.669
-6.68465	-4.13400	7.85968	211.73393	0.201441	5	29.586
2.83300	-3.11758	4.21250	312.26196	0.107965	6	35.503
2.31619	-2.19823	3.19327	314.49658	0.081843	7	41.420
3.82699	0.78869	3.90106	11.24288	0.100004	8	47.337
-0.12294	0.72482	0.73517	99.62648	0.018842	9	53.254
2.43155	-1.73344	2.98617	324.51489	0.076535	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
21.48846					0	
10.19318	35.65745	37.08595	74.04672	1.000000	1	5.917
-6.44401	16.97101	18.15393	110.77887	0.489510	2	11.834
-2.55403	-7.60747	8.02475	251.44170	0.214382	3	17.751
2.97932	-1.97348	3.57345	326.47949	0.096361	4	23.669
-0.86247	-2.68218	2.81743	252.17455	0.075970	5	29.586
-1.71139	0.32742	1.74243	169.16911	0.046984	6	35.503
1.98139	-2.82772	3.45281	309.01800	0.093103	7	41.420
4.87763	1.87764	4.48916	24.72481	0.121848	8	47.337
0.98864	2.66120	2.83413	69.77136	0.076475	9	53.254
-2.88277	-1.19803	2.48275	289.98797	0.064789	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-8.59837					0	
37.40929	-40.15075	54.88332	312.96997	0.952024	1	5.917
-16.94331	55.05237	57.60048	187.18670	1.000000	2	11.834
-41.74891	-25.13327	48.72354	211.05321	0.845805	3	17.751
0.21406	-6.37485	6.37851	271.94116	0.118737	4	23.669
-5.46558	-7.05102	9.04520	231.21767	0.157033	5	29.586
2.79080	2.08433	3.48324	34.75447	0.060472	6	35.503
-3.93805	1.10205	4.88934	164.96994	0.078945	7	41.420
-8.87710	-2.14774	2.31994	247.78563	0.040276	8	47.337
2.78543	-0.88414	2.88827	346.28004	0.049795	9	53.254
2.57018	3.84786	4.46237	54.83255	0.077471	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-111.63611					0	
30.09181	-25.30255	39.31584	319.94116	1.000000	1	5.917
-5.33457	25.42287	25.97652	101.89068	0.640714	2	11.834
-6.69849	-20.07159	20.97760	253.09924	0.533566	3	17.751
12.48620	0.37744	12.49190	1.73146	0.317332	4	23.669
-2.12759	0.70132	2.34019	161.75626	0.056979	5	29.586
-1.68150	-0.58670	1.78891	299.23453	0.043297	6	35.503
-4.01428	-2.38018	4.56487	210.64486	0.118702	7	41.420
5.41841	-6.89799	2.77162	388.14964	0.223107	8	47.337
6.84843	4.96167	8.49042	35.95356	0.214937	9	53.254
-3.12247	2.31375	3.88629	143.46155	0.098848	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-14.73008					C	
35.25906	-37.26355	51.30135	313.41724	1.000000	1	5.917
-4.62609	41.23284	41.74187	99.12936	0.814050	2	11.834
-28.12054	-11.50677	30.41411	202.39359	0.592652	3	17.751
-7.02561	-2.68654	7.52174	280.92647	0.144619	4	23.669
-5.75377	-12.53385	13.79142	245.34206	0.268831	5	29.586
9.56167	1.66349	9.78529	9.86927	0.109182	6	35.503
-4.28876	7.26133	8.43329	120.56741	0.164387	7	41.420
-4.61932	-2.90116	5.45497	212.12976	0.106332	8	47.337
3.44562	-1.63402	3.81344	334.42817	0.074334	9	53.254
2.17906	4.83676	5.30496	65.74739	0.103408	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-28.27319					C	
14.66709	-0.05876	14.66720	359.77026	0.344750	1	5.917
-35.80050	17.49153	39.85231	153.96574	0.942155	2	11.834
-5.63698	-41.97.81	42.29909	262.34155	1.000000	3	17.751
26.13074	4.05023	26.44275	8.81065	0.625138	4	23.669
-6.16080	13.90244	15.20636	113.90033	0.359496	5	29.586
-10.77946	-2.72587	11.11877	194.19121	0.262061	6	35.503
0.73360	-4.98759	7.82599	275.99316	0.164103	7	41.420
7.68161	-1.67605	7.86233	347.69141	0.189875	8	47.337
1.14072	8.27511	8.35330	82.15300	0.197402	9	53.254
-0.84513	-1.77491	6.92902	188.92442	0.163816	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-20.64124					0	
33.99860	-43.22914	54.99693	308.18408	1.000000	1	5.917
-8.97183	38.66653	39.60526	182.49960	0.720136	2	11.834
-29.60101	-10.97982	27.85620	203.21362	0.504905	3	17.751
-10.36157	1.97494	10.54811	149.20972	0.191794	4	23.669
-12.18491	-16.45380	20.46364	233.51857	0.372087	5	29.586
12.98661	-4.16415	13.63789	342.22144	0.247975	6	35.503
0.28128	9.74998	9.75403	88.34744	0.177356	7	41.420
-6.48270	0.43023	6.49496	176.20308	0.118133	8	47.337
1.47373	-2.70730	3.08243	290.56177	0.056047	9	53.254
2.00633	3.49063	4.02614	60.11073	0.073287	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
27.73653					0	
23.04893	31.97220	39.41414	54.21193	0.769676	1	5.917
-44.78143	24.83867	51.20874	150.98444	1.000000	2	11.834
-14.95159	-46.88257	49.20898	252.31165	0.968949	3	17.751
24.75092	-4.31693	25.12456	350.10620	0.490630	4	23.669
5.28066	12.93050	13.96722	67.78546	0.272751	5	29.586
-13.13607	9.40533	16.15599	144.39763	0.315493	6	35.503
-7.38086	-10.40174	12.75434	234.64175	0.249066	7	41.420
10.97567	-5.71184	12.37298	332.50708	0.241618	8	47.337
2.00886	12.94069	13.10787	80.83910	0.259969	9	53.254
-12.07636	0.00039	12.07636	179.99814	0.239826	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 264 TEST COND 26 COMP RUN 11.C

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-10.82507					0	
14.94649	-22.99886	27.42889	303.01904	1.000000	1	5.917
-6.06596	17.40974	18.43623	109.20958	0.672146	2	11.834
-11.56504	-6.29555	13.16754	208.56213	0.480061	3	17.751
-5.24355	7.55408	5.83250	154.02979	0.212641	4	23.669
-8.27093	-8.30851	11.72346	225.12984	0.427413	5	29.586
6.27302	-4.37696	7.64909	325.09473	0.278870	6	35.503
2.13224	4.70894	5.16920	65.63860	0.188458	7	41.420
-3.44000	1.79486	3.88009	152.44621	0.141460	8	47.337
-0.31399	-1.64885	1.67848	259.21802	0.061194	9	53.254
0.80159	0.90833	1.21145	48.57193	0.044167	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 264 TEST COND 26 COMP RUN 11.C

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
22.05492					0	
16.88136	23.08122	28.59584	53.81862	1.000000	1	5.917
-19.23248	15.49883	24.70023	141.13580	0.863770	2	11.834
-11.18937	-19.86676	22.80109	240.61081	0.797357	3	17.751
8.33278	-6.38542	10.49804	372.53687	0.367118	4	23.669
8.45108	1.36768	9.09736	21.72684	0.318136	5	29.586
-5.47509	10.79099	11.65681	118.01424	0.407640	6	35.503
-8.12926	-5.41332	9.76672	213.65988	0.341543	7	41.420
5.97492	-5.57854	8.17433	316.96484	0.285857	8	47.337
7.38680	7.43093	7.80484	72.19301	0.272936	9	53.254
-7.25605	1.17663	7.35051	170.80453	0.257048	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.86670					0	
1.16195	-1.84082	2.17686	302.26074	1.000000	1	5.917
-0.50071	1.35769	1.44708	110.24362	0.664754	2	11.834
-0.90184	-0.50705	1.03461	209.34622	0.475274	3	17.751
-0.41818	0.22177	0.47335	152.06161	0.217445	4	23.669
-0.68241	-0.66160	0.95048	224.11285	0.436626	5	29.586
0.49679	-0.37462	0.67221	322.98071	0.285828	6	35.503
0.19278	0.37289	0.41977	62.66145	0.192834	7	41.420
-0.27583	0.16095	0.31936	149.73605	0.146705	8	47.337
-0.03719	-0.13443	0.13948	254.53773	0.064075	9	53.254
0.06128	0.06232	0.08740	45.48511	0.040150	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 264 TEST COND 26 COMP RUN 11.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.86744					0	
1.39956	1.92310	2.37846	53.95427	1.000000	1	5.917
-1.49590	1.26520	1.95920	139.77618	0.823726	2	11.834
-0.93161	-1.53940	1.79935	238.81874	0.756517	3	17.751
0.61667	-0.55578	0.83016	317.97241	0.369034	4	23.669
0.73811	0.23347	0.77415	17.55243	0.325484	5	29.586
-0.42368	0.88196	0.97845	115.65886	0.411377	6	35.503
-0.69610	-0.43325	0.81997	211.89794	0.344725	7	41.420
0.48057	-0.47335	0.67456	315.43433	0.283611	8	47.337
0.20396	0.60182	0.63544	71.27831	0.267164	9	53.254
-0.58101	0.10618	0.60048	169.81473	0.252464	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
 MODEL KH-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.08770					0	
-0.04203	1.15083	1.49358	129.59926	1.000000	1	5.848
0.17824	-1.33408	1.34594	277.61035	0.901151	2	11.696
0.27341	0.43187	0.51114	57.66312	0.342226	3	17.544
-0.17090	-0.44014	0.47215	248.77988	0.316120	4	23.392
0.18731	0.04017	0.19157	12.10343	0.128261	5	29.240
0.16445	0.00085	0.16445	0.29615	0.110108	6	35.088
0.03796	0.26663	0.26932	81.89658	0.180318	7	40.936
-0.17628	0.19047	0.25952	132.78413	0.173757	8	46.784
-0.14711	0.04619	0.14780	174.49147	0.098955	9	52.632
-0.04200	0.02640	0.06739	154.93244	0.045110	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
 MODEL KH-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.43333					0	
-1.15402	-1.45117	1.85409	231.98708	1.000000	1	5.848
-1.08679	-0.24784	1.11451	192.88647	0.401108	2	11.696
-0.83287	0.27009	0.87499	161.97885	0.471925	3	17.544
0.27436	0.28683	0.34238	36.74468	0.184464	4	23.392
-0.16459	0.18933	0.19334	147.98389	0.103357	5	29.240
0.26887	-0.18504	0.23111	333.52246	0.124448	6	35.088
0.13175	0.19675	0.23679	56.19276	0.127712	7	40.936
0.16888	-0.04613	0.17387	346.72878	0.094432	8	46.784
-0.08504	0.08804	0.08542	174.59933	0.046875	9	52.632
-0.17918	-0.03772	0.18311	191.88681	0.098758	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
 MODEL KH-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.49297					0	
-4.88285	5.57572	7.35987	138.74123	1.000000	1	5.848
0.91872	-0.47488	6.53973	278.87568	0.888882	2	11.696
1.23485	2.07944	2.41884	59.31281	0.328579	3	17.544
-0.79858	-2.11684	2.26243	249.33279	0.387434	4	23.392
0.83988	0.17958	0.85877	12.88440	0.116495	5	29.240
0.79178	-0.01832	0.79185	359.25342	0.107601	6	35.088
0.13868	1.27841	1.28888	83.98185	0.174787	7	40.936
-0.03827	0.89843	1.22526	133.18936	0.164497	8	46.784
-0.72864	0.88558	0.72578	173.22787	0.098613	9	52.632
-0.38555	0.13495	0.33483	156.17887	0.045398	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
 MODEL KH-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
6.93758					0	
-5.53846	-0.87428	8.82593	231.15749	1.000000	1	5.848
-5.27991	-1.28895	5.41618	192.87621	0.513638	2	11.696
-4.85472	1.31942	4.26483	161.97235	0.483128	3	17.544
1.29888	0.96223	1.61640	36.53336	0.183142	4	23.392
-0.82286	0.53511	0.98184	146.92398	0.111155	5	29.240
0.88384	-0.47848	1.09244	334.47883	0.123776	6	35.088
0.84539	0.97247	1.13444	55.32628	0.128535	7	40.936
0.88171	-0.21178	0.82919	345.28776	0.093949	8	46.784
-0.39156	0.81229	0.39175	178.28218	0.044387	9	52.632
-0.81849	-0.28291	0.83728	194.89511	0.094664	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
MODEL NM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.52978					0	
-12.78001	13.84035	18.05909	132.69749	1.000000	1	3.046
2.52901	-16.14632	16.34329	278.90479	0.866600	2	11.696
2.06830	5.11137	5.76361	62.67797	0.305615	3	17.544
-1.69341	-5.19257	5.51342	290.35667	0.292348	4	23.392
1.70543	0.37075	1.62516	11.97603	0.096779	5	29.240
1.64000	-0.09009	1.04017	357.34961	0.103301	6	35.088
0.12036	3.11622	3.12006	97.64421	0.165403	7	40.936
-2.01348	2.09129	2.00303	133.91415	0.153933	8	46.784
-1.82664	0.28790	1.04919	171.04311	0.090053	9	52.632
-0.70264	0.36687	0.66436	154.60483	0.045833	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
MODEL NM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.21306					0	
-13.51167	-16.30965	21.24112	220.49771	1.000000	1	3.046
-13.10993	-3.04620	19.33091	193.00050	0.857297	2	11.696
-10.10405	3.31670	10.71093	161.90003	0.306236	3	17.544
3.09276	2.25731	3.62092	36.12640	0.100200	4	23.392
-2.15700	1.43670	2.59936	146.30352	0.122101	5	29.240
2.27738	-1.04273	2.50600	336.31736	0.122216	6	35.088
1.63092	2.22072	2.76467	33.72872	0.136197	7	40.936
1.01931	-0.47355	1.97600	346.14014	0.093066	8	46.784
-0.88167	-0.08647	0.68640	153.72821	0.041730	9	52.632
-1.73754	-3.59440	1.89526	196.68702	0.067347	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
MODEL NM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.37663					0	
-37.09054	32.07176	40.00046	139.11903	1.000000	1	3.046
0.23022	-30.11412	30.09082	202.16724	0.793099	2	11.696
3.62055	11.59353	11.04100	75.30043	0.240005	3	17.544
-3.10025	-11.20416	11.72905	294.22601	0.230004	4	23.392
1.64469	0.25031	1.64464	0.00779	0.009900	5	29.240
4.68240	-0.63024	4.44043	301.70000	0.000770	6	35.088
-1.61486	6.77955	6.90021	300.40163	0.142137	7	40.936
-4.62057	3.67007	5.43082	137.76137	0.110021	8	46.784
-4.47604	1.44030	4.70070	102.00100	0.090020	9	52.632
-2.07220	1.10722	2.30000	196.19043	0.048735	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
MODEL NM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.51037					0	
-29.30002	-32.06029	44.15761	220.29120	1.000000	1	3.046
-30.90075	-7.71975	31.93382	196.90043	0.723224	2	11.696
-24.35160	0.07940	25.84400	161.70471	0.305033	3	17.544
5.91270	3.09750	7.13727	34.66266	0.101632	4	23.392
-0.07150	0.30262	7.44102	144.47950	0.160510	5	29.240
4.04622	-1.16747	5.00214	346.71924	0.113091	6	35.088
3.00004	4.36104	5.07068	47.60002	0.133534	7	40.936
1.00400	-0.79957	4.00057	349.20001	0.091064	8	46.784
-1.14015	-1.10415	1.44040	220.13220	0.057259	9	52.632
-1.00000	-2.20000	2.00075	230.69209	0.043350	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.72751					0	
-44.85620	28.49649	54.84320	148.69708	1.000000	1	5.040
11.42785	-34.83470	34.86130	288.16260	0.668475	2	11.696
-3.76996	9.41970	10.14610	111.81230	0.789082	3	17.544
-0.69872	-8.84296	8.87052	265.48103	0.161743	4	23.392
-3.42396	-0.89147	3.53811	194.59972	0.264913	5	29.240
3.58913	-1.56432	3.91523	336.44995	0.071949	6	35.088
-4.92596	5.07778	7.07453	134.13050	0.126995	7	40.936
-2.40995	1.08760	2.64309	159.70172	0.048193	8	46.784
-4.52030	2.57537	5.21036	150.37785	0.095005	9	52.632
-2.24551	1.59772	2.75591	144.56754	0.050251	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
33.25760					0	
-22.19469	-18.34357	28.74311	219.62995	0.972511	1	5.040
-28.59092	-7.71967	29.57613	195.12099	1.000000	2	11.696
-23.55853	7.81264	24.82018	161.65311	0.839196	3	17.544
3.00070	1.32337	3.27956	23.79045	0.110885	4	23.392
-7.38293	5.60204	9.20411	142.50041	0.311291	5	29.240
3.23202	1.10887	3.11495	18.93655	0.115531	6	35.088
4.00222	2.38925	4.64115	30.83636	0.157908	7	40.936
2.41565	0.13382	2.41956	5.17856	0.081888	8	46.784
0.53052	-2.97898	3.82546	288.09912	0.102294	9	52.632
2.61684	-3.45474	4.33396	387.14233	0.146536	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
12.94303					0	
-99.83342	28.72638	65.65172	154.85190	1.000000	1	5.040
11.57899	-32.28702	34.30049	289.72900	0.922461	2	11.696
-13.98739	5.44895	15.81853	158.64495	0.228761	3	17.544
1.48382	-8.68883	8.88673	279.69971	0.134143	4	23.392
-18.55040	-1.58358	10.46498	188.26870	0.159481	5	29.240
2.18315	-4.45586	4.92726	295.26709	0.073052	6	35.088
-7.14899	3.63404	8.01962	153.85449	0.122154	7	40.936
-2.13410	-0.08628	2.13628	188.16256	0.032338	8	46.784
-5.80154	1.63676	6.82881	164.24490	0.091818	9	52.632
-1.55244	1.27840	2.81186	140.52921	0.050632	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
44.58618					0	
-13.84188	7.29151	15.64486	152.22889	0.997181	1	5.040
-38.49388	-4.68495	38.85156	188.73422	1.000000	2	11.696
-23.21251	7.72644	24.46449	161.53920	0.792981	3	17.544
0.98562	0.17840	1.88163	18.25945	0.032466	4	23.392
-7.57778	5.75476	9.51523	142.78686	0.388430	5	29.240
1.64782	1.59903	2.26546	45.41488	0.073928	6	35.088
5.31928	1.52442	5.53541	15.99143	0.179956	7	40.936
-1.75887	2.34628	2.93186	126.84441	0.095031	8	46.784
0.88505	-5.47163	5.54274	279.18799	0.178658	9	52.632
5.89764	-3.78867	7.88594	327.33130	0.227885	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.43365					0	
-45.61771	20.17435	49.87964	156.14268	1.000000	1	5.848
3.40341	-15.68314	16.04817	282.24390	0.32738	2	11.696
-21.23689	-2.52980	21.38702	185.79320	0.428773	3	17.544
2.66722	-7.74265	8.18919	289.00806	0.164179	4	23.392
-13.54028	-0.71758	13.55928	183.03362	0.271840	5	29.240
-0.97951	-7.15454	7.17174	262.14890	0.143781	6	35.088
-4.61375	0.42833	4.65633	172.24474	0.093351	7	40.936
-2.14290	0.63499	2.23500	163.49432	0.044808	8	46.784
-5.70446	-2.03157	6.05769	198.59503	0.121446	9	52.632
0.57199	-0.47408	0.74292	320.34717	0.014894	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
56.43481					0	
0.28440	38.98488	38.98590	89.58195	1.000000	1	5.848
-23.78909	3.60966	23.98232	171.34283	0.615153	2	11.696
-13.86220	3.95757	14.41607	164.06630	0.369776	3	17.544
0.48057	0.73012	0.83278	61.24925	0.021361	4	23.392
-3.55593	2.73759	4.48765	142.10855	0.115110	5	29.240
-0.88340	-1.12042	1.37870	234.35741	0.035344	6	35.088
5.83589	1.05946	5.92640	10.30011	0.152014	7	40.936
-7.15624	4.98346	6.67500	145.38101	0.222516	8	46.784
-1.88453	-6.00952	6.80290	260.91025	0.156285	9	52.632
5.31795	-1.61277	5.27075	342.18262	0.135196	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.45291					0	
-25.78752	10.73749	27.86754	157.29200	1.000000	1	5.848
-1.72155	-2.04829	2.66955	229.84308	0.095794	2	11.696
-28.41283	-6.18645	21.38661	196.65443	0.764567	3	17.544
2.83843	-6.44846	7.64551	293.75757	0.252022	4	23.392
-18.88264	0.88449	18.88799	179.54466	0.396524	5	29.240
-2.46293	-6.56580	7.01262	249.43837	0.251841	6	35.088
-1.66808	-1.68825	2.31154	224.88614	0.082948	7	40.936
-1.32271	1.32545	1.67365	142.21480	0.068057	8	46.784
-4.29581	-3.52877	5.43499	217.77167	0.195015	9	52.632
1.36662	-1.48554	2.01854	312.61204	0.072433	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
32.43311					0	
6.18717	45.36827	45.78821	82.23404	1.000000	1	5.848
-14.92509	7.45104	16.68161	153.67032	0.364321	2	11.696
-6.51404	0.28738	6.52838	177.47388	0.142483	3	17.544
1.27379	1.01042	1.62980	38.31364	0.035594	4	23.392
-0.89571	1.42700	1.58756	115.99092	0.034672	5	29.240
-2.38494	-3.06994	3.96223	230.78785	0.056534	6	35.088
5.16317	3.33824	5.17623	3.74658	0.113047	7	40.936
-7.55131	5.38681	7.22970	144.98245	0.201574	8	46.784
-2.45981	-4.67582	5.29470	241.96123	0.115678	9	52.632
3.18836	-0.34346	3.22695	353.74927	0.088292	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-3.18796					0	
-18.41272	8.48502	20.21371	155.25864	0.773399	1	5.848
-3.06326	6.32622	7.20938	115.14430	0.275022	2	11.696
-24.77979	-8.55134	26.21379	199.03922	1.000000	3	17.544
4.71491	-8.93160	10.10330	297.88916	0.385496	4	23.392
-9.16814	1.21598	9.24843	172.44492	0.352808	5	29.240
-4.15593	-6.44883	7.84083	237.99280	0.299111	6	35.088
-0.07173	-4.97396	4.97448	249.17338	0.189766	7	40.936
0.40698	1.26483	1.32849	72.16356	0.058887	8	46.784
-4.44111	-3.41677	5.61924	217.44855	0.214362	9	52.632
1.13103	-2.71494	2.94111	292.61621	0.112197	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
63.05219					0	
6.38384	54.80992	55.18044	83.35649	1.000000	1	5.848
-12.88108	11.16119	17.04388	139.09175	0.308875	2	11.696
-7.94583	-2.32878	7.89625	197.15291	0.143899	3	17.544
4.40895	0.28355	4.41364	2.64331	0.079986	4	23.392
0.25032	4.18194	4.18942	86.57443	0.075922	5	29.240
-6.10434	-5.86429	8.46480	223.05090	0.153402	6	35.088
7.03216	-1.47565	7.18532	348.14068	0.138215	7	40.936
-4.65086	7.35219	9.91353	132.12941	0.178857	8	46.784
-5.38287	-4.62792	7.09819	220.69148	0.128636	9	52.632
3.20642	-0.85971	3.31967	344.99072	0.060160	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-17.10902					0	
-11.79420	8.84712	14.74363	143.12555	0.228790	1	5.848
-4.24314	38.73843	38.97011	96.25892	0.604733	2	11.696
-61.13487	-20.37849	64.44186	198.43510	1.000000	3	17.544
15.89383	-28.28735	32.44669	299.33032	0.503503	4	23.392
-6.97157	5.49644	8.87783	141.74649	0.137765	5	29.240
-11.99696	-10.33659	15.83579	220.74820	0.245738	6	35.088
4.44425	-21.19315	21.65451	281.84863	0.336032	7	40.936
8.37999	2.34192	8.70108	15.61386	0.135022	8	46.784
-8.49453	-3.43014	9.16094	201.98912	0.147158	9	52.632
-0.63178	-8.56604	9.58931	265.78174	0.133288	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
142.59592					0	
2.41286	115.76431	115.78944	88.80589	1.000000	1	5.848
-21.62808	29.22522	36.35776	126.50327	0.313999	2	11.696
-24.46059	-15.11401	28.75331	211.71159	0.248424	3	17.544
23.01472	-2.46062	23.14587	393.89722	0.199896	4	23.392
-0.03488	22.81979	22.81981	98.08762	0.197888	5	29.240
-24.68390	-20.86847	32.32317	220.21211	0.279155	6	35.088
20.41159	-9.98368	22.72238	333.93579	0.196239	7	40.936
-3.99915	19.78227	20.17456	101.31749	0.174235	8	46.784
-20.33488	-7.99442	21.85175	281.45975	0.188720	9	52.632
7.59018	-4.17516	9.78485	320.86914	0.084503	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL RM-91A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-10.99933					0	
13.13640	-12.00191	10.39059	315.96030	0.359327	1	5.040
-1.90300	43.90143	44.00093	92.00242	0.059520	2	11.090
-40.97617	-14.93500	51.20294	194.95963	1.000000	3	17.544
10.00004	-25.27435	27.40060	293.15454	0.536056	4	23.392
2.93704	1.56243	3.32677	20.01107	0.004972	5	29.240
-6.54704	-4.30243	7.07042	213.79777	0.153044	6	35.000
5.60099	-15.30705	16.40504	290.29033	0.320393	7	40.936
4.74773	1.11760	6.03963	9.40430	0.133579	8	46.704
-3.11090	-1.91304	3.65004	211.52361	0.071450	9	52.632
0.02022	-5.09356	5.09359	270.19633	0.115103	10	58.400

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL RM-91A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
40.90000					0	
0.10000	62.42676	62.42685	00.90067	1.000000	1	5.040
-19.20007	13.72957	23.09023	144.92003	0.370091	2	11.090
-9.91319	-23.30400	24.12004	255.00005	0.304373	3	17.544
23.59872	9.02225	25.25093	20.90004	0.404633	4	23.392
-0.05123	10.56070	20.23209	113.45277	0.324093	5	29.240
-14.03006	-19.54973	24.41017	233.10045	0.391140	6	35.000
13.41073	-3.45156	13.04777	345.50065	0.221024	7	40.936
-0.93077	0.74097	0.75736	93.52719	0.140009	8	46.704
-11.00447	-0.63230	11.99504	202.71765	0.192146	9	52.632
4.19300	-3.50161	5.51506	319.50171	0.000344	10	58.400

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL RM-91A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-27.52222					0	
35.00701	-47.53154	59.07913	306.43400	0.991437	1	5.040
-3.45057	59.40941	59.50959	99.31067	1.000000	2	11.090
-36.78313	-16.07532	50.04472	100.00002	0.990354	3	17.544
2.57005	-20.05065	20.97540	275.40099	0.452655	4	23.392
4.01003	-0.99470	9.47516	299.01177	0.162364	5	29.240
1.66630	-3.15770	3.97000	207.02031	0.099910	6	35.000
0.00005	-4.79552	0.59134	325.14624	0.140019	7	40.936
0.41939	0.43172	0.60109	45.03006	0.010101	8	46.704
2.56364	-4.60717	5.27241	299.09351	0.000479	9	52.632
3.07033	-1.03001	4.11100	333.47612	0.060990	10	58.400

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL RM-91A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-76.11040					0	
10.79005	30.19679	32.04761	70.33220	0.040040	1	5.040
-37.00473	-0.59057	37.00641	100.54741	0.730614	2	11.090
22.01270	-44.70952	50.10249	290.02910	1.000000	3	17.544
20.22293	31.00219	42.57942	40.40309	0.049046	4	23.392
-21.79674	12.32213	25.00300	150.47454	0.490053	5	29.240
0.16353	-20.95612	20.95674	270.44702	0.410277	6	35.000
0.30009	9.00454	11.04032	54.04504	0.220359	7	40.936
-5.72500	-3.07132	0.91156	214.00427	0.137940	8	46.704
0.92569	-3.03102	3.94127	203.50390	0.070644	9	52.632
0.00301	-1.52015	1.77542	300.60101	0.035436	10	58.400

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-30.02180					0	
28.55952	-32.18744	43.03111	311.58228	1.000000	1	5.848
-6.26169	37.28339	37.80554	99.53383	0.878963	2	11.696
-31.97827	-9.23065	33.28384	196.18898	0.773483	3	17.544
-6.90598	-9.42744	11.48629	233.77570	0.271570	4	23.392
-2.58838	-13.45940	13.70565	259.12221	0.318906	5	29.240
7.75132	-2.65405	8.19310	341.89663	0.190400	6	35.088
7.98726	4.30112	5.23673	35.21878	0.121696	7	40.936
-2.23632	-0.51385	2.29460	192.94838	0.053324	8	46.784
4.86849	1.18880	4.99138	12.74873	0.115995	9	52.632
-1.45246	4.66826	4.88980	107.28281	0.113615	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-18.83415					0	
6.40915	13.94962	15.37666	65.12838	0.393828	1	5.848
-33.24329	16.48814	37.57213	153.73009	0.949493	2	11.696
-0.44406	-38.12812	39.04414	257.58977	1.000000	3	17.544
25.28196	3.79816	25.56487	8.52617	0.654748	4	23.392
-2.33624	18.33627	18.48450	97.26106	0.473426	5	29.240
-9.82326	-6.41417	11.73192	213.14279	0.380478	6	35.088
4.43488	-3.95384	5.96146	318.28174	0.152173	7	40.936
2.87580	6.42280	7.83637	65.87717	0.188221	8	46.784
-13.49810	0.98327	13.57881	176.16938	0.346283	9	52.632
1.04849	-18.25952	18.28861	273.28857	0.468284	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-36.36720					0	
29.45247	-36.74421	47.89512	388.71821	1.000000	1	5.848
-13.61538	35.12886	37.67325	111.18668	0.799939	2	11.696
-23.33869	-14.67180	32.79558	286.57512	0.896369	3	17.544
-3.48252	-3.95924	7.52780	211.73212	0.159842	4	23.392
-8.67785	-11.48637	14.33166	232.73901	0.304313	5	29.240
4.51459	-8.24588	9.48885	298.78844	0.199614	6	35.088
8.40939	3.93720	9.28544	25.88856	0.197163	7	40.936
-1.58710	6.65569	6.84230	183.41223	0.145287	8	46.784
-8.01662	2.28887	2.28813	98.41777	0.048615	9	52.632
-0.15327	4.98061	4.98296	91.76265	0.105886	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 450 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
48.79552					0	
16.58653	24.18555	29.28149	55.88460	0.914488	1	5.848
-11.19881	30.88528	32.82234	118.45486	1.000000	2	11.696
-28.71817	-8.73354	38.81678	196.91515	0.937370	3	17.544
-7.88698	-19.66798	21.14877	248.34991	0.648813	4	23.392
20.89877	-8.54939	21.84152	336.95654	0.682871	5	29.240
7.34159	18.47288	19.87752	48.32588	0.628739	6	35.088
-16.84987	1.38272	16.18184	175.35941	0.582831	7	40.936
6.82679	-4.98081	8.40375	324.32617	0.262434	8	46.784
-8.93818	15.78869	18.84921	119.64758	0.564269	9	52.632
-17.87535	-14.45490	22.37210	228.24910	0.698640	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-18.44615					0	
14.59891	-21.36177	25.87328	304.34741	1.000000	1	5.848
-9.14255	17.09424	19.35204	118.19243	0.747955	2	11.696
-14.37130	-9.78115	17.38403	214.23932	0.671891	3	17.544
-1.66014	-1.12994	2.00819	214.24030	0.077616	4	23.392
-5.70036	-3.59201	6.73770	212.21657	0.260412	5	29.240
-0.09317	-6.27731	6.27800	269.14941	0.242644	6	35.088
6.79240	0.90010	6.85178	7.54864	0.264821	7	40.936
-0.35853	6.49317	6.50306	93.16049	0.251343	8	46.784
-2.68146	0.66030	2.56781	165.09923	0.099246	9	52.632
1.45857	1.62668	2.10484	48.11885	0.084444	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
39.42859					0	
13.12320	15.57409	20.36591	49.88145	0.822336	1	5.848
5.11933	16.45317	17.23120	72.71664	0.695762	2	11.696
-16.70555	9.36949	19.15366	150.71364	0.773387	3	17.544
-19.49463	-15.27453	24.76593	218.07957	1.000000	4	23.392
16.54343	-18.37523	24.72516	311.99707	0.998354	5	29.240
13.88812	18.42686	23.07442	52.99504	0.931700	6	35.088
-17.22900	5.59973	18.10382	162.11533	0.730997	7	40.936
3.43171	-9.79827	10.58184	289.30200	0.419199	8	46.784
1.11952	13.47916	13.52557	85.25212	0.546136	9	52.632
-16.50348	-1.81292	16.60274	106.26884	0.670386	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-1.46830					0	
1.15682	-1.72725	2.07840	303.79370	1.000000	1	5.848
-0.75361	1.34492	1.54167	119.26178	0.741754	2	11.696
-1.13409	-0.80424	1.39031	215.34233	0.668931	3	17.544
-0.11496	-0.07724	0.13850	213.89833	0.066638	4	23.392
-0.46978	-0.26107	0.53745	209.06224	0.258587	5	29.240
-0.03419	-0.52360	0.52471	266.26318	0.252459	6	35.088
0.56891	0.05984	0.57205	6.00410	0.275236	7	40.936
-0.62344	0.55236	0.55286	92.43016	0.266002	8	46.784
-0.22575	0.04794	0.23078	168.01178	0.111036	9	52.632
0.13264	0.11996	0.17884	42.12494	0.086046	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 458 TEST COND 27 COMP RUN 39.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.32200					0	
1.09756	1.27697	1.68383	49.32049	0.782049	1	5.848
0.53236	1.32723	1.43002	68.14380	0.644167	2	11.696
-1.36067	0.90557	1.63446	146.35504	0.759119	3	17.544
-1.72983	-1.28200	2.15310	216.54266	1.000000	4	23.392
1.39314	-1.62165	2.13789	310.66528	0.992934	5	29.240
1.21914	1.57249	1.98973	52.21375	0.924173	6	35.088
-1.47510	0.49578	1.55619	161.42268	0.72271	7	40.936
0.27447	-0.86114	0.90382	287.67847	0.419776	8	46.784
0.15072	1.13661	1.14656	82.44638	0.532515	9	52.632
-1.40305	-0.08399	1.40556	183.42587	0.652805	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.28256					0	
-0.73360	1.08147	1.30681	124.15056	1.000000	1	5.848
0.05734	-1.18174	1.18313	272.77783	0.905360	2	11.696
0.36271	0.34997	0.50402	43.97520	0.385689	3	17.544
-0.23249	-0.27981	0.36379	230.27690	0.278380	4	23.392
0.07451	0.13583	0.15492	61.25421	0.118550	5	29.240
0.02440	-0.10982	0.11250	282.52612	0.086089	6	35.088
0.07692	0.21390	0.22731	70.22177	0.173940	7	40.936
-0.14007	0.18960	0.23572	126.49544	0.180381	8	46.784
-0.10354	0.05639	0.11790	151.42360	0.090219	9	52.632
-0.02996	0.02273	0.03761	142.81239	0.028782	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.36259					0	
-1.44487	-0.90485	1.70482	212.05675	1.000000	1	5.848
-0.94148	-0.22624	0.96828	193.51192	0.567968	2	11.696
-0.79324	0.18136	0.81370	167.12169	0.477297	3	17.544
0.51757	0.09381	0.52601	10.27361	0.308541	4	23.392
-0.03699	0.01084	0.03855	163.66119	0.022610	5	29.240
0.19103	-0.25488	0.31835	308.87524	0.186734	6	35.088
0.23278	0.08860	0.24907	20.83698	0.146099	7	40.936
0.12645	-0.23233	0.26451	298.35762	0.159157	8	46.784
-0.04172	0.06169	0.07448	124.07118	0.043687	9	52.632
-0.06115	0.00509	0.06136	175.24579	0.035991	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.45859					0	
-3.75479	5.25853	6.46147	125.52826	1.000000	1	5.848
0.32814	-5.73624	5.74562	273.27393	0.889212	2	11.696
1.65703	1.70014	2.37407	48.73573	0.367420	3	17.544
-1.06252	-1.36255	1.71213	231.64116	0.264976	4	23.392
0.31197	0.69893	0.76539	65.94623	0.118454	5	29.240
0.11864	-0.52655	0.53975	282.69727	0.083534	6	35.088
0.34883	1.04897	1.10538	71.61555	0.171073	7	40.936
-0.65366	0.90618	1.11734	125.80444	0.172923	8	46.784
-0.48847	0.29703	0.57169	148.69690	0.088477	9	52.632
-0.13449	0.12999	0.16718	136.01697	0.028969	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
6.51272					0	
-6.85382	-4.30679	8.09464	212.14433	1.000000	1	5.848
-4.58176	-1.10699	4.71359	193.58279	0.582313	2	11.696
-3.83002	0.89232	3.93259	166.88510	0.485827	3	17.544
2.46216	0.41697	2.49722	9.61196	0.308503	4	23.392
-0.21580	0.06775	0.22618	162.57118	0.027942	5	29.240
0.88552	-1.21743	1.50542	308.03076	0.185978	6	35.088
1.12141	0.40507	1.16233	19.86028	0.147299	7	40.936
0.57114	-1.09584	1.23574	297.52808	0.152662	8	46.784
-0.20493	0.25205	0.32485	129.11301	0.040131	9	52.632
-0.29146	0.00422	0.29149	179.16974	0.036010	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.02581					0	
-10.22903	13.15622	16.66490	127.06530	1.000000	1	5.848
1.04063	-14.30756	14.34534	274.15918	0.060811	2	11.696
3.67145	4.24679	5.61380	49.15578	0.336864	3	17.544
-2.35620	-3.27903	4.03779	234.30019	0.242293	4	23.392
0.55676	1.91978	1.99888	73.82712	0.119946	5	29.240
0.29679	-1.28428	1.31812	283.01221	0.079096	6	35.088
0.75942	2.66412	2.77025	74.00045	0.166232	7	40.936
-1.51359	2.19734	2.66819	124.56029	0.160109	8	46.784
-1.15557	0.84445	1.43136	143.83563	0.085090	9	52.632
-0.28799	0.41174	0.50246	124.57061	0.030151	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
15.79279					0	
-16.30365	-10.36176	19.38947	212.31079	1.000000	1	5.848
-11.40045	-2.00046	11.81788	193.78062	0.409505	2	11.696
-9.46218	2.27918	9.73281	166.45699	0.502067	3	17.544
5.91770	0.86091	5.98115	8.35318	0.300538	4	23.392
-0.69982	0.23628	0.75863	161.34399	0.038102	5	29.240
2.82268	-2.13333	3.57958	304.40625	0.104653	6	35.088
2.79916	0.89902	2.90193	18.04718	0.140046	7	40.936
1.23455	-2.59114	2.87821	295.47559	0.140046	8	46.784
-0.52183	0.41743	0.66825	141.34276	0.034472	9	52.632
-0.78311	-0.08065	0.70772	186.54381	0.034508	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
12.87156					0	
-31.52063	31.20927	44.35728	135.28439	1.000000	1	5.848
4.48625	-33.80591	34.18228	277.55933	0.768809	2	11.696
5.00740	10.19382	11.35729	63.83982	0.236061	3	17.544
-3.02616	-6.87573	7.51221	246.24463	0.169357	4	23.392
-0.48351	5.94706	5.96668	94.64812	0.134514	5	29.240
0.92777	-2.63144	2.79820	209.42114	0.062903	6	35.088
0.85039	6.83450	6.88728	82.90729	0.158267	7	40.936
-2.49286	4.68288	5.23458	118.43941	0.110010	8	46.784
-2.82369	2.97759	3.68016	124.20190	0.081163	9	52.632
-0.23188	1.82367	1.83835	97.24626	0.041444	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
32.11539					0	
-32.37280	-22.10208	39.19821	214.32275	1.000000	1	5.848
-27.26167	-7.20117	28.19672	194.79671	0.719337	2	11.696
-21.32280	5.89504	22.12268	164.54565	0.564300	3	17.544
11.82624	0.44671	11.83466	2.16128	0.301918	4	23.392
-3.06672	1.08746	3.25382	160.47542	0.083009	5	29.240
3.22719	-6.89389	6.89567	297.96454	0.175918	6	35.088
0.03126	1.13121	4.13643	18.62284	0.156549	7	40.936
1.31538	-5.01459	5.18424	284.69800	0.132257	8	46.784
-1.19622	-0.91046	1.50488	217.22903	0.038392	9	52.632
-1.43884	-1.01278	1.75994	213.14107	0.044888	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
18.01848					0	
-42.68987	29.12392	51.67810	145.69739	1.000000	1	5.848
7.71910	-30.94865	31.89676	284.30464	0.617220	2	11.696
-2.69984	9.47544	9.85256	105.90393	0.190653	3	17.544
1.95451	-5.06216	5.42637	291.11157	0.105003	4	23.392
-3.95340	8.23275	9.13278	115.65056	0.176724	5	29.240
0.95457	-1.87848	2.10711	296.93774	0.040774	6	35.088
-0.98851	7.07694	7.14564	97.95168	0.138272	7	40.936
-0.37434	3.18383	3.20576	96.70590	0.062033	8	46.784
-0.77523	4.42874	4.49607	99.92848	0.087002	9	52.632
0.57263	3.11521	3.16740	79.58420	0.051291	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
21.60318					0	
-18.12421	-14.49580	23.20807	218.65292	0.869458	1	5.848
-25.66748	-7.32630	26.69258	195.93039	1.000000	2	11.696
-17.95581	6.27647	19.02116	160.73288	0.712601	3	17.544
7.14008	-2.39443	7.53084	341.46167	0.232132	4	23.392
-5.41080	2.05498	5.78789	159.20364	0.218835	5	29.240
-0.01188	-4.17155	4.17157	269.83667	0.156282	6	35.088
4.84480	-0.74624	4.90502	351.01270	0.183760	7	40.936
-1.83309	-2.35590	2.98504	232.11406	0.111830	8	46.784
-1.21584	-4.25800	4.42818	254.06361	0.165896	9	52.632
-0.92709	-2.40673	2.57911	248.93294	0.096623	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
23.07211					0	
-55.40186	30.30357	63.14801	151.32234	1.000000	1	5.848
8.76301	-28.80873	30.11200	286.91846	0.476848	2	11.696
-13.92274	7.02783	15.59593	153.21658	0.246974	3	17.544
6.53684	-6.26920	9.05721	316.19727	0.143428	4	23.392
-9.44657	11.80978	15.12562	128.71526	0.239685	5	29.240
-1.99532	-3.35327	3.90202	239.24571	0.061792	6	35.088
-2.99861	5.92046	6.63653	116.86147	0.105095	7	40.936
0.34624	2.51315	2.53688	82.15569	0.040174	8	46.784
-1.99902	4.48271	4.90824	114.03610	0.077726	9	52.632
0.96670	3.06919	3.22389	72.17810	0.051053	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
29.32346					0	
-6.11900	6.70106	9.07454	132.40086	0.317116	1	5.848
-28.30521	-4.20516	28.61546	188.45033	1.000000	2	11.696
-17.24367	6.21541	18.33150	160.18062	0.640606	3	17.544
5.01885	-3.30293	2.00817	326.65053	0.209960	4	23.392
-7.37544	3.22164	8.04836	156.40398	0.281255	5	29.240
-3.54987	-4.14869	5.46015	229.44769	0.190809	6	35.088
5.58330	-2.01607	5.93617	340.14575	0.207442	7	40.936
-5.76595	2.10965	6.13977	159.90341	0.214558	8	46.784
-3.00071	-6.43414	7.09947	244.99689	0.248096	9	52.632
-0.75255	-3.25712	3.34293	256.98999	0.118821	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
16.95709					0	
-43.28391	21.15820	48.17847	153.94952	1.000000	1	5.848
3.73489	-14.10375	14.59473	284.82739	0.302931	2	11.696
-22.23135	-0.09496	22.23154	180.24472	0.461441	3	17.544
7.47774	-8.44350	11.27871	311.52856	0.234103	4	23.392
-12.02361	11.29578	16.49731	136.78770	0.342421	5	29.240
-7.11168	-5.56217	9.02865	218.02876	0.187400	6	35.088
-3.56799	0.35409	3.58551	174.33250	0.074421	7	40.936
-0.47363	1.53223	1.60376	107.17714	0.033288	8	46.784
-4.82115	1.07544	4.94056	167.37750	0.102547	9	52.632
0.40257	0.14432	0.42759	19.69814	0.008875	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.26576					0	
4.46385	37.05556	37.32344	83.13098	1.000000	1	5.848
-22.70114	4.24507	23.09464	169.40813	0.618770	2	11.696
-12.38228	2.68095	12.66919	167.78316	0.339443	3	17.544
4.16004	-0.54159	4.19515	352.58228	0.112400	4	23.392
-5.44730	3.41262	6.42799	147.93373	0.172224	5	29.240
-5.76674	-4.67330	7.42260	219.02087	0.198872	6	35.088
6.09882	-1.64108	6.31575	344.93945	0.169217	7	40.936
-7.35735	7.05689	10.19462	136.19415	0.272143	8	46.784
-5.21447	-4.25822	6.73225	215.23557	0.180376	9	52.632
-0.95387	-1.97009	2.04646	254.29704	0.054831	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
8.78875					0	
-24.89883	10.84741	26.96855	156.28270	1.000000	1	5.848
0.43978	-1.84764	1.89925	283.38867	0.070425	2	11.696
-21.72191	-3.69008	22.03310	189.64125	0.816992	3	17.544
4.10900	-8.62080	10.56589	305.32275	0.377864	4	23.392
-9.59338	8.32905	12.70457	139.03523	0.410885	5	29.240
-8.30353	-5.36173	9.88416	212.85100	0.346507	6	35.088
-2.74685	-3.31195	4.30280	230.32851	0.159549	7	40.936
-0.99997	0.60943	0.85521	134.55154	0.031711	8	46.784
-5.11399	-0.98979	5.20889	190.95387	0.193147	9	52.632
-0.20729	-1.63604	1.64912	262.77856	0.061150	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
41.24561					0	
7.32739	42.97798	43.59813	80.32454	1.000000	1	5.848
-14.32932	8.11867	16.46942	150.46509	0.377755	2	11.696
-7.89296	-0.24817	7.89646	181.80098	0.181119	3	17.544
3.77645	1.25432	3.97994	18.40079	0.091287	4	23.392
-2.94713	3.19824	4.34906	132.66010	0.099753	5	29.240
-5.80958	-4.46292	7.32590	217.53148	0.168032	6	35.088
3.35921	-1.08713	5.46836	348.53296	0.125426	7	40.936
-5.84488	7.64422	9.64263	127.34155	0.221171	8	46.784
-5.16482	-1.85789	5.48995	195.78049	0.125922	9	52.632
-0.22712	-0.67997	0.73399	251.97533	0.016835	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.69536					0	
-18.12715	7.50237	19.61852	157.51657	0.714797	1	5.848
0.46738	6.33596	6.39317	85.78104	0.231579	2	11.696
-26.69580	-5.46814	27.44401	191.49207	1.000000	3	17.544
7.47330	-12.41156	14.48782	301.09322	0.927866	4	23.392
-7.69431	8.96132	11.81134	130.64984	0.430348	5	29.240
-10.63291	-5.30151	11.88127	204.50056	0.432896	6	35.088
-2.79210	-7.32850	7.84049	249.13834	0.285670	7	40.936
0.93964	-0.29200	0.61357	331.58228	0.022356	8	46.784
-5.57194	-1.45059	5.75766	194.59238	0.209781	9	52.632
-1.07337	-2.99591	3.18239	250.28838	0.115951	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
48.82066					0	
7.58712	49.67807	50.25409	81.31650	1.000000	1	5.848
-11.63570	11.54249	16.38959	135.23041	0.326134	2	11.696
-9.12390	-1.69014	9.27192	190.25162	0.184501	3	17.544
5.44880	2.86844	5.82745	20.79027	0.115968	4	23.392
-2.28168	4.99059	5.45886	114.78947	0.188615	5	29.240
-8.29438	-6.35837	10.45105	217.47357	0.287964	6	35.088
7.01192	-1.81052	7.24109	345.52197	0.144185	7	40.936
-4.82380	8.90148	10.12450	118.49378	0.201466	8	46.784
-8.04297	-1.32578	6.18669	192.37418	0.123108	9	52.632
0.56183	-0.10403	0.57138	349.51001	0.011370	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.50861					0	
-14.22965	3.14481	14.57735	167.46095	0.213649	1	5.848
6.41449	37.47017	38.21239	80.33629	0.560049	2	11.696
-67.21945	-11.70220	68.23044	189.87961	1.000000	3	17.544
19.47206	-37.30823	42.88401	297.56104	0.616792	4	23.392
-4.33710	19.42972	19.90788	182.58321	0.291774	5	29.240
-24.76089	-7.96553	26.01059	197.83267	0.381217	6	35.088
-4.31235	-25.97131	26.32689	260.57227	0.385853	7	40.936
8.89495	-3.79412	7.85872	331.43286	0.115062	8	46.784
-9.13883	-1.88564	9.33893	191.84435	0.136756	9	52.632
-4.80830	-8.45742	9.72871	740.38039	0.142586	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
101.85904					0	
9.43422	93.64528	94.12128	84.23502	1.000000	1	5.848
-14.78395	29.82939	33.29199	116.36385	0.353714	2	11.696
-25.87788	-8.25074	27.16135	197.68402	0.288978	3	17.544
18.52979	4.46269	19.05959	13.54115	0.202500	4	23.392
-3.36686	17.49644	17.81386	100.82910	0.189265	5	29.240
-24.49783	-19.12912	31.08160	217.98447	0.330229	6	35.088
18.87302	-8.73430	20.05733	340.38159	0.213101	7	40.936
-3.64858	17.24426	17.62849	101.98477	0.187295	8	46.784
-12.61444	-2.34740	12.83099	190.54150	0.136324	9	52.632
3.89809	0.81014	3.98139	11.74867	0.042301	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-7.19651					0	
7.71254	-17.41534	19.04672	293.08647	0.376215	1	5.040
9.56551	40.17529	41.29832	76.60750	0.815773	2	11.696
-50.25407	-6.13560	50.62723	186.96088	1.000000	3	17.544
12.72792	-28.65717	31.35654	293.96800	0.619361	4	23.392
-.61930	9.84083	9.97318	80.65523	0.196992	5	29.240
-13.52060	-5.89950	14.75163	203.57327	0.291377	6	35.088
1.49430	-18.52322	18.58339	274.61206	0.367063	7	40.936
5.65796	-2.69435	6.26674	334.53589	0.123742	8	46.784
-2.89777	-2.21397	3.64674	217.38977	0.072031	9	52.632
-2.59005	-4.74121	5.40254	241.35291	0.106712	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
20.50627					0	
7.69239	43.90521	44.65279	80.00002	1.000000	1	5.040
-12.52780	20.11184	23.69455	121.91908	0.530640	2	11.696
-14.18855	-18.85301	23.99903	235.03130	0.928366	3	17.544
21.74706	6.71543	22.76030	17.16054	0.509717	4	23.392
-5.89565	17.30998	18.28642	104.00852	0.409525	5	29.240
-15.12040	-16.35864	22.27626	221.25259	0.40877	6	35.088
12.52155	-0.78359	12.54605	356.41895	0.280967	7	40.936
-4.79461	7.23565	8.60003	123.52995	0.196389	8	46.784
-9.13825	-5.09182	7.23383	224.73991	0.162002	9	52.632
4.78898	0.49787	4.72727	6.34554	0.105867	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-17.33690					0	
24.23199	-49.39613	55.91738	296.13184	1.000000	1	5.040
14.24306	40.40240	51.41467	73.91733	0.934508	2	11.696
-50.01973	-2.53844	50.08895	182.90199	0.918321	3	17.544
6.83598	-22.34041	23.36287	287.01367	0.424641	4	23.392
-3.32060	1.22074	3.59780	159.81534	0.084384	5	29.240
-3.49439	-11.69839	12.17973	253.31470	0.221214	6	35.088
10.29909	-0.57574	13.48203	320.21680	0.243594	7	40.936
1.11003	0.96259	1.21951	24.35947	0.022147	8	46.784
2.63782	-0.19961	6.47859	288.09420	0.117754	9	52.632
2.27661	0.18081	2.27884	2.53539	0.001420	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-77.40188					0	
19.74245	13.48905	23.84334	34.17635	0.564961	1	5.040
-25.88339	28.49970	32.98248	141.70479	0.788056	2	11.696
-6.24068	-41.77533	42.23889	261.50342	1.000000	3	17.544
32.77191	9.22635	34.06111	15.81429	0.086392	4	23.392
-10.22793	21.81997	23.37625	115.94678	0.553490	5	29.240
-5.73382	-13.82149	14.96363	247.46892	0.354262	6	35.088
4.38844	7.78315	8.86549	60.33082	0.209889	7	40.936
-12.85175	-1.66698	12.16999	187.87541	0.288028	8	46.784
1.45781	-7.19739	7.34355	281.45020	0.173857	9	52.632
0.91049	-2.21424	2.39613	292.35229	0.056681	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
 MODEL RM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-18.99298					0	
21.81421	-31.84087	38.59663	304.41504	1.000000	1	5.848
7.34795	31.88248	32.72275	76.98747	0.847813	2	11.696
-27.57768	0.45920	27.58150	179.04604	0.714609	3	17.544
0.14333	-5.10794	5.10995	271.60718	0.132394	4	23.392
-9.39881	-1.65300	9.54287	189.97496	0.247246	5	29.240
1.97504	-10.19249	10.38208	280.96655	0.268989	6	35.088
8.87971	0.64601	8.91992	5.44240	0.231104	7	40.936
-1.21486	1.31395	1.78951	132.75627	0.046364	8	46.784
4.27468	-4.71388	6.00247	315.41040	0.155518	9	52.632
4.12424	3.01421	5.10831	36.16132	0.132351	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
 MODEL RM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-21.22678					0	
13.28494	-5.42766	14.27690	337.65552	0.389804	1	5.848
-9.91266	31.47707	33.00099	107.48012	0.899182	2	11.696
-31.32088	-19.13054	36.70114	211.41624	1.000000	3	17.544
14.42842	-16.74696	22.10519	310.74658	0.602303	4	23.392
12.89017	10.22422	16.42137	38.50745	0.447435	5	29.240
-8.49567	6.78191	10.87064	141.40042	0.296193	6	35.088
-9.14635	-7.68360	11.94543	220.03270	0.325478	7	40.936
12.43776	-5.77455	13.71289	335.09570	0.373637	8	46.784
-1.80202	17.96306	18.05321	95.72870	0.491898	9	52.632
-20.53085	-6.41319	22.18777	202.28296	0.604553	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
 MODEL RM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-20.98105					0	
20.86304	-34.27881	40.12857	301.32568	1.000000	1	5.848
0.62605	29.64313	29.64972	88.79804	0.738868	2	11.696
-24.76887	-2.75587	24.52419	186.45213	0.611140	3	17.544
0.65032	2.64447	2.72326	76.18414	0.067863	4	23.392
-15.18127	1.71172	15.27746	173.56696	0.380713	5	29.240
-0.45805	-13.22063	13.22855	268.01538	0.329054	6	35.088
11.48455	0.71564	11.50683	3.56570	0.286749	7	40.936
1.69025	4.02830	4.36853	67.23735	0.108863	8	46.784
4.46675	-1.28300	4.64736	349.97412	0.115812	9	52.632
6.02053	4.07453	7.28970	34.08908	0.181160	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
 MODEL RM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
19.27785					0	
30.94360	-13.51924	33.76797	336.39941	0.537443	1	5.848
25.49142	57.02972	62.45128	65.94951	0.993960	2	11.696
-59.74272	19.45546	62.83078	161.96196	1.000000	3	17.544
-18.62553	-40.90764	44.94824	245.51987	0.715386	4	23.392
31.88739	-11.37908	33.85687	349.36084	0.538858	5	29.240
0.62546	23.94125	23.94942	88.50345	0.381173	6	35.088
-22.84109	-11.26480	25.47783	206.23165	0.488340	7	40.936
25.88802	-14.55080	29.64704	330.66089	0.472651	8	46.784
6.27432	35.78534	36.33121	80.05522	0.578239	9	52.632
-33.44180	-1.50910	33.47583	182.58379	0.532793	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-10.01401					0	
9.29022	-19.38072	21.49232	295.61084	1.000090	1	5.848
-2.06231	13.80537	13.95855	98.49629	0.649467	2	11.696
-11.28662	-2.96623	11.66989	194.72488	0.542979	3	17.544
1.04027	3.22786	3.39381	72.00848	0.157908	4	23.392
-8.77629	2.32006	9.07777	165.19226	0.422373	5	29.240
-1.57498	-7.53510	7.69793	258.19385	0.358171	6	35.088
6.74076	-0.39510	6.75232	356.64551	0.314174	7	40.936
2.20899	3.13244	3.83299	54.80862	0.178342	8	46.784
1.91787	0.49317	1.98027	14.42081	0.092138	9	52.632
3.49924	2.12776	4.09537	31.30226	0.190551	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
16.13881					0	
23.36996	-8.93604	25.02614	339.07446	0.572981	1	5.848
25.76254	35.25710	43.66658	53.84418	1.000000	2	11.696
-35.60233	23.59753	42.71263	146.46324	0.978154	3	17.544
-21.63771	-25.81317	33.68248	230.02879	0.771356	4	23.392
19.73975	-14.16140	24.29407	324.34399	0.556354	5	29.240
5.78168	16.19801	17.19893	70.35657	0.393869	6	35.088
-15.17498	-4.06957	15.71119	195.01213	0.359799	7	40.936
14.05267	-10.45370	17.51448	323.35449	0.401096	8	46.784
7.48164	20.59801	21.91466	70.03794	0.401863	9	52.632
-17.92958	3.52471	18.27274	168.87323	0.418460	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.79006					0	
0.72356	-1.56107	1.72061	294.86792	1.000000	1	5.848
-0.19262	1.08185	1.09886	100.09566	0.638848	2	11.696
-0.88289	-0.75379	0.91864	196.03729	0.533907	3	17.544
0.09100	0.25947	0.29505	72.03554	0.171460	4	23.392
-0.71149	0.20134	0.73963	164.19974	0.429751	5	29.240
-0.14047	-0.60872	0.62472	257.00513	0.363083	6	35.088
0.54631	-0.03931	0.44773	355.88403	0.318333	7	40.936
0.19121	0.26171	0.32412	53.84694	0.188377	8	46.784
0.14877	0.05285	0.15787	19.55623	0.091755	9	52.632
0.28362	0.17022	0.33078	30.97107	0.192248	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 500 OSC CTR 570 TEST COND 31 COMP RUN 40.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.37162					0	
1.94623	-0.73616	2.08081	339.29076	0.574009	1	5.848
2.20075	2.88056	3.62504	52.2012	1.000000	2	11.696
-2.89889	2.03992	3.54469	144.86633	0.977834	3	17.544
-1.86499	-2.11673	2.82112	228.61772	0.778231	4	23.392
1.61582	-1.22489	2.02762	322.83545	0.559336	5	29.240
0.52161	1.33866	1.43669	68.71145	0.396323	6	35.088
-1.25052	-0.30803	1.28789	193.83732	0.355277	7	40.936
1.13333	-0.86734	1.42714	322.57300	0.393688	8	46.784
0.64376	1.67155	1.79123	68.93687	0.4128	9	52.632
-1.44133	0.32878	1.47835	167.15033	0.407016	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 100ZC TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.8888A					0	
-1.33467	0.86750	1.35022	140.02257	1.000000	1	5.848
0.16140	-0.5472A	0.60905	285.36646	0.451077	2	11.696
-0.13921	0.24031	0.31298	116.41084	0.231795	3	17.544
-0.02548	0.02481	0.03556	135.76378	0.026331	4	23.392
-0.10957	0.11127	0.15616	134.55856	0.115657	5	29.240
-0.01319	0.04039	0.04182	102.32454	0.045724	6	35.088
-0.04116	0.12552	0.13209	108.15565	0.097831	7	40.936
-0.06229	0.03647	0.07218	149.65589	0.053460	8	46.784
-0.07407	0.07189	0.10322	135.65310	0.076448	9	52.632
-0.05879	-0.00409	0.06892	183.40274	0.051041	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 100ZC TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.06811					0	
0.02716	0.34352	0.34459	85.47948	0.581861	1	5.848
-0.58946	0.05716	0.59222	174.46127	1.000000	2	11.696
-0.18094	0.00945	0.18119	177.01125	0.305943	3	17.544
-0.07663	-0.04990	0.09144	213.07408	0.154405	4	23.392
-0.09169	0.08448	0.12467	137.34303	0.210516	5	29.240
0.03395	0.02215	0.04053	13.12088	0.068444	6	35.088
-0.02874	0.04919	0.05697	120.30104	0.096196	7	40.936
-0.08982	0.02062	0.09215	167.07280	0.155806	8	46.784
-0.08560	-0.12622	0.15251	235.85759	0.257523	9	52.632
-0.08072	-0.06353	0.10272	218.20346	0.173441	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 100ZC TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.35949					0	
-5.05815	4.22953	6.59346	140.09831	1.000000	1	5.848
0.80303	-2.85508	2.96586	285.70923	0.449818	2	11.696
-0.68295	1.34113	1.50501	116.98692	0.228258	3	17.544
-0.11799	0.09752	0.15308	140.42723	0.023216	4	23.392
-0.53302	0.52607	0.74891	135.37508	0.113584	5	29.240
-0.06045	0.26733	0.27408	102.74150	0.041569	6	35.088
-0.20431	0.58796	0.62311	109.33559	0.094504	7	40.936
-0.29140	0.16439	0.33457	150.57170	0.050743	8	46.784
-0.35386	0.33531	0.48749	136.54230	0.073936	9	52.632
-0.32549	-0.02047	0.32613	183.59901	0.049462	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 100ZC TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.27699					0	
0.08804	1.67758	1.67989	86.99567	0.597562	1	5.848
-2.79575	0.29465	2.81124	173.98373	1.000000	2	11.696
-0.88500	0.05909	0.88697	176.18045	0.315509	3	17.544
-0.34982	-0.25201	0.43114	215.76811	0.153364	4	23.392
-0.44748	0.39267	0.59534	138.73268	0.211771	5	29.240
0.15885	0.09001	0.18258	29.53764	0.064946	6	35.088
-0.12738	0.22818	0.26133	119.17270	0.092957	7	40.936
-0.42270	0.09819	0.43395	166.92276	0.154363	8	46.784
-0.40119	-0.59634	0.71873	236.06862	0.255664	9	52.632
-0.37840	-0.29351	0.47888	217.79941	0.170347	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
11.07374					0	
-12.77568	10.63239	16.62123	140.23155	1.000000	1	5.848
2.09032	-7.14073	7.44040	286.31641	0.447644	2	11.696
-1.73558	3.25824	3.69166	118.04309	0.222105	3	17.544
-0.26898	0.14116	0.30377	192.30923	0.018276	4	23.392
-1.33470	1.24958	1.82835	136.88635	0.110001	5	29.240
-0.13475	0.59175	0.56796	103.72395	0.034171	6	35.088
-0.54364	1.37161	1.47542	111.62125	0.088767	7	40.936
-0.67790	0.35379	0.76466	152.44009	0.046005	8	46.784
-0.85738	0.77543	1.15602	137.67320	0.069551	9	52.632
-0.77421	-0.05381	0.77608	183.97594	0.046692	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.45196					0	
0.02431	4.22951	4.22958	89.66797	0.628416	1	5.848
-6.68144	0.81152	6.73054	173.07480	1.000000	2	11.696
-2.23739	0.20631	2.24686	174.73177	0.333833	3	17.544
-0.77398	-0.67218	1.02512	220.97314	0.152309	4	23.392
-1.12696	0.90192	1.44343	141.32910	0.214460	5	29.240
0.36984	0.14646	0.39778	21.60400	0.059101	6	35.088
-0.26361	0.52201	0.58479	116.79306	0.086887	7	40.936
-0.99518	0.23653	1.02290	144.63039	0.151979	8	46.784
-0.93701	-1.41454	1.69673	236.47884	0.252094	9	52.632
-0.88408	-0.66594	1.10683	216.98941	0.164449	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 58
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
27.28387					0	
-31.15231	25.49628	40.25575	140.70177	1.000000	1	5.848
5.66044	-17.03476	17.95058	288.38086	0.445913	2	11.696
-9.16095	6.88609	8.04560	121.14268	0.199862	3	17.544
-0.41135	-0.57192	0.70448	234.27470	0.017500	4	23.392
-3.12614	2.38854	3.93420	142.61823	0.097730	5	29.240
-0.21179	0.27197	0.34471	127.90892	0.008563	6	35.088
-1.53060	2.34228	2.79803	123.16322	0.069506	7	40.936
-1.15327	0.32572	1.19834	164.22794	0.029768	8	46.784
-1.79183	1.27956	2.28180	144.44916	0.054495	9	52.632
-1.48680	-0.14943	1.49390	185.58658	0.037110	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 58
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.45083					0	
-1.87444	9.71181	9.89104	100.92418	0.747708	1	5.848
-13.00356	2.42906	13.22849	169.41913	1.000000	2	11.696
-5.50031	1.02323	5.59467	169.46167	0.422926	3	17.544
-0.92154	-1.99446	2.16263	244.77827	0.163483	4	23.392
-2.72579	1.46904	3.09645	151.67793	0.234074	5	29.240
0.66146	-0.36192	0.75480	331.31445	0.054898	6	35.088
-0.14915	0.78655	0.80056	188.73724	0.062318	7	40.936
-1.82247	0.49194	1.88770	164.89406	0.162699	8	46.784
-1.65335	-2.64328	3.11777	237.97437	0.235686	9	52.632
-1.93056	-0.93248	1.79224	211.35158	0.135484	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
27.93735					0	
-30.91029	24.53181	39.46207	141.56290	1.000000	1	5.848
6.57181	-15.40535	17.20955	292.44946	0.436104	2	11.696
-4.23444	4.88217	6.46267	130.93604	0.163769	3	17.544
0.03267	-2.17330	2.17395	270.86108	0.055079	4	23.392
-2.91529	1.17128	3.14179	158.11113	0.079615	5	29.240
0.05063	-1.61547	1.61627	271.79492	0.040957	6	35.088
-1.86597	0.58633	1.95592	162.55621	0.049364	7	40.936
-0.25866	-0.61560	0.66773	247.20932	0.016921	8	46.784
-1.22803	0.18157	1.24130	171.58971	0.031458	9	52.632
-0.74906	-0.17513	0.76926	193.15913	0.019494	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.03573					0	
-4.95347	9.33752	10.57006	117.94562	1.000000	1	5.848
-7.10495	3.39217	7.87319	154.47842	0.744857	2	11.696
-5.49766	1.89481	5.81503	160.98315	0.550141	3	17.544
0.76320	-2.48821	2.40265	287.05371	0.246229	4	23.392
-2.65664	0.10246	2.65861	177.79126	0.251523	5	29.240
0.18813	-1.59955	1.61057	276.70776	0.152371	6	35.088
0.73552	-0.05365	0.73748	355.42812	0.069770	7	40.936
-0.71044	0.31789	0.77832	155.89322	0.073634	8	46.784
-0.48584	-1.21979	1.31298	248.28287	0.124217	9	52.632
-0.42368	0.23807	0.48599	150.68859	0.045978	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
36.25294					0	
-36.72913	28.47388	46.47354	142.21574	1.000000	1	5.848
7.74629	-15.14096	17.00745	297.09473	0.369960	2	11.696
-8.75614	3.89626	7.79912	150.02803	0.167818	3	17.544
0.39938	-3.08426	3.11001	277.37793	0.066920	4	23.392
-3.67141	0.22084	3.67805	176.55775	0.079143	5	29.240
0.90061	-2.87724	3.01492	287.38062	0.064874	6	35.088
-2.24292	0.02491	2.24268	179.31253	0.048257	7	40.936
0.31262	-1.25931	1.29754	283.94165	0.027920	8	46.784
-0.77571	-0.59762	0.97922	217.61150	0.021071	9	52.632
-0.18567	-0.35621	0.40169	242.44994	0.008643	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
14.90214					0	
-4.22881	18.29579	18.77812	103.01460	1.000000	1	5.848
-4.96664	6.40768	8.10715	127.77954	0.431734	2	11.696
-5.81910	2.31994	6.26451	158.26396	0.333607	3	17.544
1.51993	-3.16364	3.50982	295.66113	0.186910	4	23.392
-3.00127	-1.46076	3.33788	205.95285	0.177753	5	29.240
-0.44748	-2.21925	2.26391	258.59985	0.120561	6	35.088
1.48934	-0.26645	1.51298	349.85669	0.080512	7	40.936
0.16327	-0.01093	0.16363	356.17065	0.008714	8	46.784
0.60300	-0.86111	1.05124	305.00171	0.055982	9	52.632
0.10284	0.31230	0.32879	71.77353	0.017509	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
36.41295					0	
-31.80388	24.47452	40.13089	142.42010	1.000000	1	5.848
5.71986	-7.78576	9.66099	306.30298	0.240737	2	11.696
-9.11304	2.28113	9.39420	165.94679	0.234099	3	17.544
0.45860	-1.98474	2.03707	243.01025	0.050761	4	23.392
-3.79521	-0.37997	3.81418	185.71722	0.095043	5	29.240
1.80211	-2.06287	2.75917	311.14014	0.068256	6	35.088
-1.62570	0.78696	1.80616	154.16948	0.045007	7	40.936
0.24808	-0.89321	0.93852	287.97524	0.023386	8	46.784
-0.22931	-0.62342	0.66426	249.90501	0.016552	9	52.632
0.15279	-0.46997	0.49419	288.00452	0.012314	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
26.13504					0	
2.34165	28.46529	28.56143	85.29720	1.000000	1	5.848
-4.95299	8.51577	9.85142	120.18340	0.344920	2	11.696
-4.05180	1.19860	4.22536	163.52077	0.147939	3	17.544
0.57112	-2.47009	2.53524	283.01880	0.088765	4	23.392
-2.41908	-2.33994	3.36560	224.04718	0.117837	5	29.240
-1.03132	-1.17891	1.56635	228.62039	0.054841	6	35.088
1.36826	0.31659	1.40441	13.02804	0.049172	7	40.936
0.58837	-0.41401	0.71943	324.85743	0.025189	8	46.784
1.15821	-1.27530	1.72274	312.24512	0.060317	9	52.632
-0.13537	-0.90256	0.91266	261.46997	0.031954	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
28.39221					0	
-20.83002	16.13281	26.34685	142.24229	1.000000	1	5.848
3.31726	-1.52175	3.64965	335.35718	0.138523	2	11.696
-8.84698	0.83053	8.88587	174.63695	0.337265	3	17.544
0.33673	-1.14145	1.19008	286.43628	0.045170	4	23.392
-2.99592	-0.43157	3.02684	189.19730	0.114884	5	29.240
1.66755	-1.02668	1.95827	328.38013	0.074326	6	35.088
-0.87484	1.07167	1.38469	129.29063	0.052556	7	40.936
0.07196	-0.32337	0.33128	282.54614	0.012574	8	46.784
-0.05309	-0.31639	0.32081	260.47485	0.012176	9	52.632
0.15152	-0.32641	0.35986	294.90063	0.013659	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
25.82803					0	
5.31667	27.18372	27.69875	78.93353	1.000000	1	5.848
-4.16683	7.53903	8.61391	118.92953	0.310986	2	11.696
-2.41508	0.27698	2.43091	173.45735	0.087763	3	17.544
-0.09091	-1.38780	1.39077	266.25220	0.050211	4	23.392
-1.51584	-2.01068	2.51809	232.98665	0.090910	5	29.240
-1.11795	-0.35858	1.17405	197.78355	0.042386	6	35.088
0.92568	0.56250	1.08319	31.28560	0.039106	7	40.936
0.55557	-0.42771	0.70114	322.40845	0.025313	8	46.784
0.98707	-1.21678	1.56680	309.04932	0.056566	9	52.632
-0.35563	-1.32712	1.37394	254.99858	0.049603	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 498 USC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
29.97099					0	
-17.14880	14.3775	22.28888	140.29895	1.000000	1	5.848
2.89066	2.5739	3.66766	37.98721	0.164551	2	11.696
-11.39724	-0.18275	11.40074	181.42113	0.511499	3	17.544
0.32278	-1.19311	1.82193	280.20435	0.081742	4	23.392
-3.17647	-0.14294	3.18574	184.37349	0.142930	5	29.240
1.32710	-0.11957	1.61456	325.28125	0.072438	6	35.088
-0.61045	1.2127	1.27668	118.56525	0.057279	7	40.936
-0.19880	0.21369	0.29187	132.93294	0.013095	8	46.784
-0.39935	0.03754	0.40111	174.63026	0.017996	9	52.632
-0.06606	-0.03047	0.07275	204.76611	0.003264	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.07442					0	
6.52243	31.05891	31.73637	78.14009	1.000000	1	5.848
-4.03015	8.11467	9.06035	116.41133	0.285488	2	11.696
-2.90287	0.09800	2.90452	178.06650	0.091520	3	17.544
-0.09272	-0.86610	0.87105	243.88940	0.027447	4	23.392
-1.36150	-1.94473	2.37395	235.00432	0.074802	5	29.240
-1.36494	-0.53082	1.46452	231.25079	0.046144	6	35.088
1.03705	0.66295	1.23684	32.58932	0.038783	7	40.936
0.50330	-0.18370	0.53577	339.94824	0.016882	8	46.784
0.74189	-1.10204	1.32849	303.94849	0.041860	9	52.632
-0.56313	-1.37047	1.48166	247.66208	0.046686	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
62.44922					0	
-17.30672	18.53600	25.35951	133.03575	0.809610	1	5.848
5.59681	15.90053	16.85678	70.30846	0.538158	2	11.696
-30.98291	-4.60411	31.32312	188.75238	1.000000	3	17.544
0.52807	-7.79560	7.81346	273.87524	0.249447	4	23.392
-6.24854	0.59527	6.29679	174.57542	0.201027	5	29.240
0.18114	-2.12791	2.13561	274.86572	0.068180	6	35.088
-0.59849	1.19857	1.33968	116.53461	0.042770	7	40.936
-1.35452	2.11555	2.51203	122.63025	0.080197	8	46.784
-2.52802	1.40938	2.89435	150.86031	0.092403	9	52.632
-1.26318	1.34441	1.84474	133.21558	0.058894	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
63.93462					0	
11.16264	63.31299	64.28947	80.00096	1.000000	1	5.848
-5.69581	15.69206	16.68018	109.82048	0.259454	2	11.696
-8.81128	0.34778	8.81814	177.73970	0.137163	3	17.544
1.10796	0.67116	1.11024	3.67474	0.017269	4	23.392
-2.04534	-2.35502	3.11922	229.02556	0.048318	5	29.240
-3.41580	-2.61440	4.30149	217.42984	0.064908	6	35.088
2.41918	0.77933	2.54130	17.83463	0.039529	7	40.936
0.60239	0.98224	1.15224	58.47997	0.017923	8	46.784
0.04644	-0.77240	0.77379	273.44043	0.012036	9	52.632
-1.59676	-1.39473	2.11561	221.24332	0.032708	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
42.21254					0	
2.27726	-1.44632	2.69773	327.57959	0.106880	1	5.848
3.95351	17.39070	17.83441	77.19228	0.706574	2	11.696
-24.65167	-5.42104	25.24068	192.40224	1.000000	3	17.544
0.39338	-7.50437	7.51468	273.00073	0.297721	4	23.392
-3.60859	0.62440	3.66227	170.18327	0.145092	5	29.240
-1.23462	-1.52094	1.99896	230.93207	0.077611	6	35.088
-0.16134	-0.23888	0.28876	235.96428	0.011420	7	40.936
-1.25001	1.65816	2.07654	127.01103	0.082269	8	46.784
-2.19999	1.04291	2.43467	154.63664	0.096458	9	52.632
-1.13953	1.21713	1.66731	133.11415	0.066057	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
36.06674					0	
4.18996	30.09284	30.37321	12.07077	1.000000	1	5.848
-1.49973	6.92799	7.09334	132.20613	0.233539	2	11.696
-3.98802	0.55172	4.02688	172.12940	0.132591	3	17.544
1.50800	1.09552	1.86393	34.99739	0.261368	4	23.392
0.37674	0.93767	1.01053	68.10937	0.033270	5	29.240
-3.45071	-0.67572	3.51624	191.07953	0.115768	6	35.088
-0.06250	-0.97243	0.97444	266.32251	0.032087	7	40.936
0.96994	0.41550	1.05518	23.18900	0.036741	8	46.784
0.10310	1.24557	1.24983	85.26830	0.041149	9	52.632
-1.66238	0.52631	1.74370	162.43233	0.057409	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.01123					0	
17.55301	-24.31245	29.90671	305.82837	1.000000	1	5.848
6.08444	23.36346	24.14278	75.40244	0.805116	2	11.696
-27.44000	-6.08316	28.10619	192.49971	0.937288	3	17.544
0.30910	-9.29166	9.29680	271.90527	0.310031	4	23.392
-1.53446	-0.62305	1.65613	202.09898	0.055229	5	29.240
-0.88407	-0.62656	1.08358	215.32620	0.036135	6	35.088
-0.84115	-1.33826	1.50065	237.86895	0.052712	7	40.936
-0.64061	-0.53569	0.83587	219.90268	0.027848	8	46.784
-0.66268	-0.20969	0.69587	197.55894	0.023179	9	52.632
-0.71082	0.51819	0.87965	143.90796	0.029375	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
 MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
19.47827					0	
2.53329	3.33926	4.19144	52.81459	0.663235	1	5.848
-0.04211	3.14899	3.14927	90.76627	0.498326	2	11.696
1.24055	-0.33518	1.28503	344.88013	0.203337	3	17.544
2.56268	1.08333	2.78225	22.91544	0.440251	4	23.392
3.26307	4.91492	5.89949	56.41934	0.93510	5	29.240
-5.60530	2.91876	6.31969	152.49336	1.000000	6	35.088
-3.40518	-3.57555	4.93759	226.39803	0.781303	7	40.936
2.32485	-1.24568	2.63755	331.81689	0.417354	8	46.784
1.45539	2.83511	3.18685	62.82648	0.504273	9	52.632
-2.06640	1.38413	2.40879	146.21048	0.393813	10	58.480

HARMONIC COMPONENTS OF AIPLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
26.38705					0	
24.43614	-27.54730	36.82361	311.57495	1.000000	1	5.848
9.65292	22.22438	24.23036	66.52292	0.658012	2	11.696
-23.25789	-2.06500	23.34937	185.07381	0.834087	3	17.544
-1.14337	-10.67048	10.73156	263.88379	0.291431	4	23.392
3.51757	-2.18133	4.13902	328.19580	0.112401	5	29.240
1.12812	2.60445	2.83827	66.58808	0.377078	6	35.088
-2.85218	-1.29832	3.13378	204.47519	0.085102	7	40.936
0.99603	-4.20342	4.31689	283.33984	0.117232	8	46.784
2.59895	-0.14465	2.60308	356.77026	0.079691	9	52.632
-1.25990	1.03069	1.62778	140.71443	0.044205	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	PJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.02576					0	
8.95815	-5.96754	10.76383	326.33008	0.890588	1	5.848
-2.96478	11.71692	12.08619	104.19977	1.000000	2	11.696
-8.03984	-5.32138	9.64138	213.49963	0.797718	3	17.544
5.38023	-0.74074	5.43098	352.16089	0.449354	4	23.392
0.85332	4.52438	4.60415	79.31920	0.380943	5	29.240
-4.05858	-0.78279	4.13338	190.91672	0.341992	6	35.088
0.87221	-2.34008	2.49734	290.44165	0.206627	7	40.936
-0.29444	1.11207	1.15096	104.93564	0.095229	8	46.784
-1.33242	-0.66781	1.49040	206.62010	0.123314	9	52.632
0.71190	-1.84685	1.97931	291.07983	0.163766	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
28.06830					0	
30.55579	-35.41098	46.77171	310.79053	1.000000	1	5.848
10.85904	25.47679	27.69450	66.91464	0.592121	2	11.696
-25.61382	-2.27582	25.71471	185.07747	0.549792	3	17.544
-1.25309	-12.30444	12.36809	264.18481	0.264435	4	23.392
4.42151	-2.74212	5.20278	328.19360	0.111238	5	29.240
2.14905	2.35555	3.18860	47.62431	0.068174	6	35.088
-1.70655	-1.10687	2.03408	212.96748	0.043490	7	40.936
1.16093	-3.02268	3.23796	291.01050	0.069229	8	46.784
1.11711	-0.81913	1.38525	323.74854	0.029617	9	52.632
-0.31296	-1.03883	1.08495	753.23442	0.023197	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.88058					0	
25.52922	-3.78050	25.80760	351.57642	1.000000	1	5.848
1.00817	22.73753	22.75986	87.46117	0.881901	2	11.696
-17.33240	-4.46565	17.89842	194.44789	0.693533	3	17.544
1.41406	-6.74256	4.94888	286.60254	0.191761	4	23.392
3.02550	-0.21446	3.03309	355.94531	0.117527	5	29.240
0.27978	0.69221	0.74661	67.99179	0.026930	6	35.088
0.39295	0.44859	0.59635	48.78288	0.027708	7	40.936
-2.19563	-1.40923	2.60897	212.69385	0.101713	8	46.784
0.93145	-2.75311	2.90441	288.69169	0.112618	9	52.632
1.44757	0.50319	1.53253	19.16776	0.059383	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
14.66283					0	
15.67504	-19.47658	25.00067	308.82764	1.000000	1	5.848
4.78181	12.65497	13.52826	69.30040	0.541112	2	11.696
-12.48511	-1.58472	12.58529	187.23381	0.503394	3	17.544
-0.39497	-5.84352	5.85685	266.13306	0.234266	4	23.392
1.76211	-1.29615	2.18747	323.66309	0.087496	5	29.240
1.18332	0.48881	1.28030	22.44461	0.051210	6	35.088
0.09149	-0.42210	0.43190	282.22974	0.017276	7	40.936
0.39354	-0.31310	0.50289	321.49414	0.020115	8	46.784
-0.61622	-0.76230	0.98022	231.04868	0.039207	9	52.632
0.44884	-1.59167	1.65375	285.74805	0.066148	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
14.90164					0	
-4.12552	-0.70647	18.13927	357.76782	1.000000	1	5.848
2.87982	13.75134	14.04965	78.17194	0.774544	2	11.696
-10.44580	-0.83182	10.47887	184.55236	0.577690	3	17.544
-1.73703	-3.77859	4.15873	245.31151	0.229267	4	23.392
2.81996	-2.24136	3.60220	321.52148	0.195586	5	29.240
2.01155	1.70800	2.63887	40.33441	0.145478	6	35.088
-0.80630	1.30918	1.53755	121.62813	0.084764	7	40.936
-1.46861	-2.26183	2.69679	237.00420	0.148672	8	46.784
1.97122	-1.67710	2.58812	319.60913	0.142641	9	52.632
0.60055	1.85514	1.95067	72.07104	0.107550	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.16954					0	
1.25004	-1.56691	2.00445	308.58179	1.000000	1	5.848
0.37278	1.00387	1.07085	69.62791	0.534237	2	11.696
-0.98733	-0.13044	0.99591	187.52573	0.496849	3	17.544
-0.02891	-0.46075	0.46166	266.40942	0.230318	4	23.392
0.13543	-0.10226	0.15970	322.94556	0.084661	5	29.240
0.09553	0.03129	0.10053	18.13377	0.050152	6	35.088
0.01795	-0.03195	0.03664	299.32520	0.018280	7	40.936
0.02931	-0.01142	0.03145	378.71753	0.015691	8	46.784
-0.06216	-0.06455	0.08961	226.38136	0.044708	9	52.632
0.04255	-0.13873	0.14511	287.05127	0.072395	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 498 OSC CTR 250 TEST COND 33 COMP RUN 32.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.25161					0	
1.50302	-0.04225	1.50361	358.38965	1.000000	1	5.848
0.25576	1.12151	1.15030	77.15315	0.765025	2	11.696
-0.85214	-0.05656	0.85364	183.39554	0.567725	3	17.544
-0.16592	-0.31673	0.35756	242.35229	0.237801	4	23.392
0.23862	-0.20305	0.31332	319.60474	0.208379	5	29.240
0.18183	0.15068	0.23614	39.64764	0.157051	6	35.088
-0.07482	0.11590	0.13879	122.62030	0.092307	7	40.936
-0.12144	-0.19725	0.23163	238.38127	0.154052	8	46.784
0.17352	-0.13732	0.22128	321.64136	0.147168	9	52.632
0.04672	0.16550	0.17197	74.23463	0.114369	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.34897					0	
-0.81784	0.92482	1.23455	131.44718	1.000000	1	5.848
0.18773	-0.64435	0.57114	286.24341	0.543623	2	11.696
0.02549	0.21825	0.21974	83.33786	0.177987	3	17.544
-0.06401	-0.06908	0.09128	225.47313	0.073941	4	23.392
-0.02179	-0.03331	0.03980	236.80228	0.032240	5	29.240
0.01125	-0.04903	0.05031	282.91468	0.040748	6	35.088
-0.06455	-0.01290	0.06779	193.97282	0.054909	7	40.936
-0.09621	-0.04704	0.10709	206.05411	0.086743	8	46.784
-0.10958	-0.07092	0.13061	212.88103	0.105793	9	52.632
-0.08249	-0.06236	0.10341	217.46120	0.083762	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.19518					0	
0.05414	0.94751	0.84924	86.34494	1.000000	1	5.848
-0.30342	-0.04264	0.30641	188.00017	0.360801	2	11.696
-0.35462	0.12963	0.37757	159.92084	0.444599	3	17.544
0.08574	-0.28841	0.30089	286.55542	0.354301	4	23.392
-0.36207	-0.07822	0.09986	231.57027	0.117584	5	29.240
-0.02652	-0.02432	0.03599	222.52502	0.042375	6	35.088
-0.11438	-0.07349	0.13596	212.71835	0.160091	7	40.936
-0.01317	-0.16121	0.16175	265.32910	0.190462	8	46.784
-0.02078	-0.15114	0.15256	262.17139	0.179643	9	52.632
0.03804	-0.14625	0.15111	284.57983	0.177439	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.98338					0	
-4.11776	4.56487	6.14768	132.09225	1.000000	1	5.848
0.92576	-3.10442	3.23951	286.60498	0.526949	2	11.696
0.36780	1.05537	1.05755	86.32434	0.172024	3	17.544
-0.29773	-0.30370	0.42530	225.56908	0.069180	4	23.392
-0.13325	-0.14195	0.19469	226.81216	0.031649	5	29.240
0.64300	-0.22398	0.22807	280.86646	0.037098	6	35.088
-0.32743	-0.05263	0.33154	189.02971	0.053929	7	40.936
-0.45934	-0.21020	0.50515	204.58943	0.082170	8	46.784
-0.52711	-0.32185	0.61760	211.40793	0.100461	9	52.632
-0.39836	-0.28299	0.48864	215.38921	0.079484	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.24430					0	
0.17970	4.07897	4.08292	87.47739	1.000000	1	5.848
-1.42789	-0.15414	1.43619	186.16129	0.351755	2	11.696
-1.88954	0.61842	1.79916	159.89601	0.440655	3	17.544
0.39136	-1.35535	1.41072	286.10620	0.345517	4	23.392
-0.31367	-0.35255	0.47189	228.34001	0.115578	5	29.240
-0.12175	-0.10593	0.16139	221.02555	0.039527	6	35.088
-0.53447	-0.34218	0.63462	212.62822	0.155433	7	40.936
-0.07962	-0.74943	0.75365	263.93579	0.184586	8	46.784
-0.10306	-0.69784	0.70541	261.59888	0.172770	9	52.632
0.16272	-0.68232	0.70145	283.41309	0.171802	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
6.09773					0	
-10.92977	11.72333	16.02797	132.99371	1.000000	1	5.848
2.37377	-7.63935	7.99965	287.26147	0.499106	2	11.696
-0.08016	2.61445	2.61568	91.75621	0.163195	3	17.544
-0.68475	-0.70319	0.98150	225.76128	0.061237	4	23.392
-0.45470	-0.24623	0.52691	213.34904	0.032874	5	29.240
0.35555	-0.49613	0.49923	276.38867	0.031148	6	35.088
-0.83627	-0.08256	0.84034	185.63832	0.052429	7	40.936
-1.11165	-0.44359	1.19688	201.75386	0.074674	8	46.784
-1.29133	-0.70296	1.47027	208.56256	0.091731	9	52.632
-0.98452	-0.61788	1.16234	212.11234	0.072520	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 44
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
23.85921					0	
0.07794	18.01878	18.01909	89.55426	1.000000	1	5.848
-3.36120	-0.14902	3.36458	182.53848	0.335009	2	11.696
-4.07240	1.49439	4.33793	159.04909	0.432967	3	17.544
0.00541	-3.18178	3.29742	285.21899	0.382814	4	23.392
-0.83764	-0.75835	1.12992	222.15961	0.112777	5	29.240
-0.27259	-0.21010	0.34416	217.02401	0.030091	6	35.088
-1.24063	-0.78875	1.47015	212.44659	0.146733	7	40.936
-0.26848	-1.72188	1.74269	261.13745	0.173997	8	46.784
-0.26882	-1.58113	1.60348	260.42114	0.168943	9	52.632
0.30817	-1.57906	1.60885	281.04297	0.168579	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
24.15140					0	
-31.36267	30.32550	43.62628	135.96324	1.000000	1	5.848
5.96928	-17.03968	18.05409	289.38713	0.413834	2	11.696
-2.34866	0.08302	6.52068	111.11165	0.149967	3	17.544
-1.18480	-1.03211	1.57870	221.07913	0.036004	4	23.392
-2.18688	0.28352	2.23518	172.61394	0.050547	5	29.240
-0.39222	-0.48243	0.62176	230.88663	0.014252	6	35.088
-2.14462	0.3073	2.16722	171.75670	0.049677	7	40.936
-2.29941	-0.24535	2.31246	186.09847	0.053006	8	46.784
-2.79833	-0.63662	2.88133	193.78610	0.066046	9	52.632
-2.20366	-0.59830	2.28344	195.18982	0.052341	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
39.63193					0	
-3.47895	21.36944	21.84686	99.14069	1.000000	1	5.848
-6.04933	1.68879	6.27849	164.47217	0.287388	2	11.696
-8.98867	3.13179	8.87931	159.34785	0.408434	3	17.544
0.99653	-5.66539	5.75235	279.97510	0.263383	4	23.392
-2.49256	-0.68847	2.56387	193.54475	0.117336	5	29.240
-0.41113	0.04003	0.41392	173.33781	0.040997	6	35.088
-2.13572	-1.22813	2.46365	209.98888	0.112769	7	40.936
-1.29418	-2.64843	2.94773	243.99717	0.134927	8	46.784
-0.71373	-2.24186	2.35197	252.33447	0.107657	9	52.632
-0.12877	-2.34667	2.54992	267.18522	0.116718	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
41.14027					0	
-39.23779	33.06451	51.31146	139.88017	1.000000	1	5.848
6.42207	-13.88326	15.29666	296.82422	0.298114	2	11.696
-6.15741	5.30560	8.12792	139.74982	0.158404	3	17.544
-0.18113	-0.00549	0.18122	151.73651	0.003532	4	23.392
-3.99100	1.73474	4.35171	156.50716	0.084610	5	29.240
-1.22160	0.62502	1.37220	152.90393	0.024743	6	35.088
-2.27817	1.08365	2.52277	154.56113	0.049166	7	40.936
-1.54380	1.11568	1.90487	144.14008	0.037124	8	46.784
-2.16439	1.02168	2.39341	154.73080	0.046645	9	52.632
-1.85309	0.90768	2.06345	153.90349	0.040214	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.57559					0	
-9.31552	16.93408	19.32722	118.81544	1.000000	1	5.848
-2.25153	5.32196	5.77864	112.93149	0.298989	2	11.696
-5.29132	2.10047	5.69298	158.34863	0.294598	3	17.544
-0.90297	-1.93587	2.13610	244.99356	0.110523	4	23.392
-3.18459	1.45540	3.50140	155.43892	0.181164	5	29.240
0.10875	0.94537	0.95161	83.43749	0.049237	6	35.088
-0.47035	-0.05254	0.47328	186.37389	0.024468	7	40.936
-2.33101	0.00492	2.33102	179.87903	0.120608	8	46.784
-0.80993	0.55759	0.98645	145.35883	0.050936	9	52.632
-1.69321	-0.30664	1.72076	190.26497	0.089033	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
65.26616					0	
-48.95316	39.46570	62.88066	141.12448	1.000000	1	5.848
10.06084	-12.73005	16.22574	308.32007	0.258041	2	11.696
-4.02728	3.31354	9.68695	158.73315	0.154053	3	17.544
-1.95728	-1.38278	2.39647	324.75952	0.038111	4	23.392
-4.65910	0.73279	4.71638	171.06166	0.075005	5	29.240
-0.87073	-0.56304	1.03694	212.88713	0.031491	6	35.088
-2.44545	0.14594	2.44980	176.58472	0.038960	7	40.936
-1.22616	0.67722	1.40075	151.08795	0.022274	8	46.784
-2.25709	0.87393	2.42097	158.83385	0.038492	9	52.632
-2.15952	0.71767	2.27571	161.61206	0.036191	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.50073					0	
-7.81337	22.61914	23.93060	104.05658	1.000000	1	5.848
-0.49229	8.71854	8.73245	95.23180	0.384907	2	11.696
-3.38211	0.44762	3.42616	170.80291	0.143170	3	17.544
-1.27676	-0.39633	1.33638	197.25171	0.055844	4	23.392
-3.12977	1.37403	3.41811	156.29753	0.142834	5	29.240
1.30199	0.86623	1.46255	27.09877	0.061116	6	35.088
1.33305	-0.07437	1.33524	350.72053	0.055796	7	40.936
-2.40545	0.34115	2.42952	171.92789	0.101327	8	46.784
-0.91753	1.61115	1.85409	119.66103	0.077478	9	52.632
-3.09396	-0.01399	3.09399	180.25900	0.129290	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL KH-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
66.30495					0	
-37.68810	31.54204	49.20985	139.98398	1.000000	1	5.848
11.99723	-7.89637	14.35717	326.66091	0.221754	2	11.696
-7.36019	-0.68735	7.09355	185.56053	0.144149	3	17.544
4.08657	-4.55335	6.11826	311.90747	0.124330	4	23.392
-2.13043	-3.01742	3.69372	234.77619	0.075361	5	29.240
1.08265	-3.74942	3.34104	285.94482	0.080086	6	35.088
-1.50099	-2.41974	2.94748	238.18613	0.057864	7	40.936
-0.89432	-1.79965	2.00961	243.57516	0.040838	8	46.784
-2.11551	-1.52270	2.60612	215.75146	0.052959	9	52.632
-2.15862	-1.47809	2.61618	214.40042	0.053164	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL KH-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
19.16486					0	
4.59535	29.22643	29.54554	81.06433	1.000000	1	5.848
-1.16001	7.70000	7.78684	99.56728	0.263199	2	11.696
-1.49353	-1.45144	2.08262	224.18115	0.070393	3	17.544
0.52560	-0.8247	1.20332	295.99917	0.040673	4	23.392
-1.00272	-1.64823	1.32927	238.68530	0.065210	5	29.240
2.39866	-1.13047	2.65170	334.76563	0.084628	6	35.088
2.41692	-1.31082	2.74950	331.52651	0.092934	7	40.936
-0.43245	-1.91679	1.96496	257.28589	0.066416	8	46.784
-0.61278	-0.06622	0.61635	186.16812	0.020933	9	52.632
-2.73794	-1.76710	3.25868	212.83861	0.110144	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL KH-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
50.7006					0	
-11.68570	19.61960	29.24376	137.86357	1.000000	1	5.848
9.57336	-3.08345	10.05675	342.16309	0.343844	2	11.696
-4.83745	-2.58904	5.48671	208.15599	0.187620	3	17.544
3.91543	-5.09809	6.42815	307.52490	0.219813	4	23.392
-0.43630	-4.14706	4.16994	263.99370	0.142593	5	29.240
1.86226	-4.52175	4.89022	292.38403	0.167223	6	35.088
-0.55478	-2.92638	2.97850	259.26514	0.101851	7	40.936
-0.58556	-2.49925	2.55719	256.76245	0.087444	8	46.784
-1.54847	-2.31113	2.78192	236.17764	0.093129	9	52.632
-1.60889	-2.16566	2.69789	233.54098	0.092255	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL KH-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
28.04173					0	
9.81911	26.4111	28.25981	69.66803	1.000000	1	5.848
-1.87961	5.17188	5.50284	109.47266	0.194723	2	11.696
-0.51941	1.76672	1.84149	253.61691	0.065163	3	17.544
1.33618	-1.25740	1.60083	317.89819	0.063726	4	23.392
0.21576	-3.01397	3.02169	274.09473	0.106925	5	29.240
2.16224	-1.82408	2.62883	319.84688	0.100102	6	35.088
2.15161	-1.63461	2.70211	322.77539	0.095617	7	40.936
0.66803	-2.64720	2.73019	284.16309	0.096610	8	46.784
-0.28635	-1.12964	1.16537	255.77559	0.041238	9	52.632
-1.68673	-2.26391	2.82324	233.31035	0.099907	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
53.64009					0	
-17.66835	17.89716	25.14912	134.63142	1.000000	1	5.848
8.09863	-0.20710	9.10127	358.53516	0.322129	2	11.696
-6.47709	-3.34624	7.29042	207.32239	0.269888	3	17.544
3.57164	-5.33776	6.42249	303.78750	0.255376	4	23.392
-0.75542	-4.21937	4.28646	259.84937	0.170442	5	29.240
2.17046	-4.84589	5.30976	294.12744	0.211731	6	35.088
-0.04430	-2.43108	2.43148	268.95581	0.096682	7	40.936
-0.63197	-2.14913	2.24012	253.61348	0.089074	8	46.784
-1.39828	-2.11269	2.53351	236.50151	0.100739	9	52.632
-1.41652	-1.91624	2.74303	233.52553	0.094754	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
33.22221					0	
10.85152	30.31499	32.13181	70.64043	1.000000	1	5.848
-3.37793	4.94452	5.98822	124.33965	0.186364	2	11.696
-0.34561	-1.01439	1.07165	251.18542	0.033352	3	17.544
1.22250	-0.43389	1.29722	340.55898	0.040372	4	23.392
0.00987	-4.01423	4.01424	270.14087	0.124930	5	29.240
1.76602	-2.20332	2.82373	308.71313	0.087880	6	35.088
1.99458	-1.61536	2.58666	320.99683	0.079879	7	40.936
0.81205	-2.53816	2.66490	287.74121	0.082936	8	46.784
-0.14619	-1.53989	1.54681	264.57666	0.048140	9	52.632
-1.21376	-2.11245	2.43632	240.11943	0.075823	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
113.02132					0	
-22.90837	29.57971	37.41010	127.76022	1.000000	1	5.848
6.50824	10.24832	12.14024	57.58220	0.324518	2	11.696
-22.55872	-6.16577	23.38614	195.28676	0.625129	3	17.544
3.38449	-8.28120	8.94611	292.22949	0.239136	4	23.392
-5.20113	-4.76026	7.05066	222.46588	0.188469	5	29.240
3.58135	-7.35177	8.17768	295.97266	0.218596	6	35.088
1.46601	0.05895	1.46720	2.30284	0.059219	7	40.936
-1.38404	-0.01445	1.35411	180.59802	0.036998	8	46.784
-1.83159	-0.61719	1.93276	199.62219	0.051665	9	52.632
-1.58033	-0.29754	1.60788	190.67853	0.042980	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
66.59651					0	
11.96007	64.26355	65.36699	79.45728	1.000000	1	5.848
-11.54095	10.09865	15.33546	138.81317	0.234605	2	11.696
-1.33156	2.69231	3.00360	116.31604	0.045950	3	17.544
-0.03428	3.74792	3.79809	90.51721	0.058104	4	23.392
-2.60567	-8.56356	8.95120	253.07629	0.136938	5	29.240
0.50808	-3.86666	3.89990	277.48584	0.059662	6	35.088
2.19288	-1.57384	2.69920	324.33275	0.041293	7	40.936
0.21157	-1.76208	1.77473	276.84644	0.027150	8	46.784
0.08815	-2.73060	2.73145	271.42993	0.041786	9	52.632
-0.71042	-1.30453	1.48543	241.42815	0.022725	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL XM-51A S4IP 1002C TEST 502 OSC CTR 175 TEST COND 35 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
68.80083					0	
-0.28974	5.03657	5.01496	93.31212	0.221214	1	5.848
-1.42351	16.52457	16.58575	94.92361	0.731613	2	11.696
-22.26418	-4.27090	22.67015	193.85904	1.000000	3	17.544
0.87888	-5.22035	5.29381	279.95640	0.233515	4	23.392
-4.65909	-1.91339	5.03657	202.32370	0.222168	5	29.240
1.95757	-3.44709	3.96420	299.59302	0.174865	6	35.088
2.03942	1.84493	2.75009	42.13347	0.121309	7	40.936
-0.22330	2.19158	2.20292	95.81783	0.097173	8	46.784
-0.50220	1.31427	1.40882	110.88353	0.062145	9	52.632
-0.00749	1.27551	1.27553	90.33673	0.056245	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL XM-51A S4IP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
72.30826					0	
3.65484	31.70799	31.91792	83.42474	1.000000	1	5.848
-7.60465	8.07074	11.86908	133.79694	0.347425	2	11.696
-1.98489	2.40044	3.11479	9.58885	0.097587	3	17.544
-1.16050	4.11678	4.27722	74290	0.134007	4	23.392
-1.75701	-3.77718	4.16583	2	0.230517	5	29.240
-1.44817	-1.26798	1.92332	2	0.088258	6	35.088
0.22850	-0.04990	0.23389	347.68042	0.007328	7	40.936
-0.89474	0.60900	1.07408	145.49859	0.033451	8	46.784
-0.00492	-1.52407	1.52408	269.74365	0.047750	9	52.632
0.19697	0.38927	0.43627	63.15990	0.013668	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL XM-51A S4IP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
53.49861					0	
24.01964	-23.87001	33.86325	515.17896	1.000000	1	5.848
-1.74679	28.22270	28.27682	93.54578	0.835030	2	11.696
-29.03625	-5.68845	29.58821	191.08435	0.873756	3	17.544
2.20133	-8.62705	8.92347	284.31445	0.262924	4	23.392
-2.56355	-4.34042	5.04093	239.43291	0.148861	5	29.240
2.39700	-3.50198	4.24375	304.39038	0.125320	6	35.088
2.74443	0.05132	2.74491	1.07122	0.081059	7	40.936
1.44850	1.60922	2.21008	49.04948	0.065265	8	46.784
0.05787	0.62152	0.62918	81.05133	0.018580	9	52.632
0.85779	-0.01068	0.85786	359.28662	0.023333	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL XM-51A S4IP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
130.04541					0	
8.56341	5.78465	10.33412	34.03934	0.793041	1	5.848
-3.59844	12.52488	13.03100	106.02106	1.000000	2	11.696
-4.90265	-2.49805	5.50238	207.00021	0.422253	3	17.544
0.19577	1.93521	1.94509	84.22354	0.149266	4	23.392
1.64386	0.39528	1.64071	13.52042	0.129745	5	29.240
-1.85087	0.67378	1.97038	199.94203	0.151207	6	35.088
-0.54707	0.04273	0.54873	175.53337	0.042110	7	40.936
-1.12341	0.11179	1.12896	174.31728	0.086636	8	46.784
-0.33093	-1.49949	1.53558	257.55444	0.117840	9	52.632
-0.38210	-0.35278	0.52006	222.7516	0.039909	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
39.33698					0	
30.36392	-25.54828	39.66695	319.90405	1.000000	1	5.848
3.07820	21.26820	21.48979	81.76457	0.541756	2	11.696
-21.53174	-1.91529	21.61674	185.08319	0.544956	3	17.544
0.10713	-7.49110	7.49186	270.81909	0.188869	4	23.392
-0.10530	-3.92468	3.92609	268.46289	0.098976	5	29.240
1.94081	-1.77582	2.63064	317.54175	0.066318	6	35.088
1.33874	0.57416	1.45667	23.21344	0.036723	7	40.936
0.77692	0.17657	0.79673	12.80485	0.020086	8	46.784
0.59799	0.06175	0.60117	5.89571	0.015155	9	52.632
0.55544	-0.91677	1.07191	301.21021	0.027023	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
38.50874					0	
10.88590	2.03978	11.07536	10.61289	0.768888	1	5.648
-6.60901	12.96894	14.55534	117.80359	1.000000	2	11.696
-7.98494	-4.29140	9.06507	208.25519	0.622779	3	17.544
3.45358	-0.22852	3.46113	356.21411	0.237783	4	23.392
1.65748	0.33655	1.69130	11.47798	0.116194	5	29.240
-1.28828	0.45326	1.35815	160.50426	0.093306	6	35.088
-1.47786	-0.08967	1.48058	183.47215	0.101717	7	40.936
0.02738	-1.25046	1.25076	271.25439	0.085929	8	46.784
0.44171	-0.44588	0.62763	314.73096	0.043119	9	52.632
-0.90256	0.12374	0.91080	172.19165	0.062573	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1602C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
38.08438					0	
35.81345	-34.35320	49.6214	316.16714	1.000000	1	5.848
3.02714	21.97072	22.17827	82.15509	0.446907	2	11.696
-22.80194	-2.86718	22.98149	187.16690	0.463992	3	17.544
0.86192	-9.26865	9.30864	275.31274	0.187575	4	23.392
0.86035	-5.25606	5.32600	279.29614	0.107323	5	29.240
1.99160	-1.87893	2.73804	316.66724	0.055173	6	35.088
0.46744	0.41246	0.62340	41.42444	0.012562	7	40.936
0.60180	-0.04346	0.60336	355.86938	0.012158	8	46.784
0.47065	-0.26774	0.54148	330.36523	0.010911	9	52.632
0.35810	-1.14094	1.19581	287.42505	0.024096	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
58.08354					0	
28.72374	18.06207	33.93068	32.16251	1.000000	1	5.848
-6.66755	22.05185	23.03778	106.82317	0.678966	2	11.696
-7.89586	-3.71556	18.27750	191.72917	0.538672	3	17.544
1.96626	-6.80939	7.08759	286.10645	0.208884	4	23.392
6.61857	-1.99696	6.91136	343.20557	0.203691	5	29.240
-0.29357	1.55163	1.57916	100.71391	0.046541	6	35.088
-1.57993	0.40216	1.63031	165.71698	0.048048	7	40.936
-1.61237	-0.70182	1.75849	273.52208	0.018826	8	46.784
0.03374	-1.19561	1.19608	271.91446	0.	9	52.632
-0.10202	-1.07908	1.08389	264.59912	0.05.	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
16.88060					0	
18.10190	-20.05139	27.01364	312.07495	1.000000	1	5.848
0.63589	10.95350	10.97194	86.67744	0.406163	2	11.696
-11.39630	-2.23434	11.61327	191.09261	0.429904	3	17.544
1.09441	-5.08961	5.20594	282.13525	0.192715	4	23.392
0.66167	-3.05753	3.12811	282.21167	0.115797	5	29.240
0.93784	-1.06533	1.41932	311.35815	0.052541	6	35.088
-0.23765	-0.09315	0.10047	247.99518	0.003719	7	40.936
0.33658	0.01544	0.33693	2.62560	0.012473	8	46.784
0.04537	-0.25890	0.27591	290.22266	0.010214	9	52.632
0.12844	-0.55514	0.56981	283.02710	0.021093	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
48.83833					0	
21.00070	14.72148	25.64665	35.03043	1.000000	1	5.848
-2.18125	13.95523	14.12467	98.88370	0.550741	2	11.696
-12.22990	-1.30247	12.29906	186.07901	0.479558	3	17.544
-0.27247	-8.03214	8.03829	267.41357	0.235441	4	23.392
5.45951	-1.78303	5.74330	341.91333	0.223939	5	29.240
0.29715	1.33280	1.36552	77.43138	0.053244	6	35.088
-0.62367	0.43225	0.75882	145.27499	0.029507	7	40.936
-1.65682	0.12135	1.66125	175.81090	0.064775	8	46.784
-0.31060	-1.01231	1.05889	252.94209	0.041288	9	52.632
0.39327	-1.17167	1.23591	288.55420	0.048190	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.31011					0	
1.43986	-1.62475	2.17094	311.54736	1.000000	1	5.848
0.04106	0.86809	0.86906	87.29221	0.400313	2	11.696
-0.90377	-0.18611	0.92274	191.63603	0.425040	3	17.544
0.09421	-0.40921	0.41991	282.96509	0.193423	4	23.392
0.05548	-0.24762	0.25376	282.52769	0.116889	5	29.240
0.07373	-0.08581	0.11314	310.67017	0.052114	6	35.088
-0.00638	-0.01066	0.01242	239.10129	0.005722	7	40.936
0.02695	0.00148	0.02499	3.14710	0.012433	8	46.784
0.00600	-0.2204	0.02284	285.22925	0.010523	9	52.632
0.00953	-0.4397	0.04499	282.22563	0.020723	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 175 TEST COND 36 COMP RUN 44.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.09169					0	
1.74512	1.23633	2.14972	35.31477	1.000000	1	5.848
-0.16064	1.14233	1.15357	98.00500	0.539371	2	11.696
-1.00944	-0.09700	1.01449	185.48671	0.474343	3	17.544
-0.03578	-0.50979	0.51104	265.98446	0.238748	4	23.392
0.45840	-0.15098	0.48262	341.76953	0.225658	5	29.240
0.02884	0.11218	0.11582	75.58153	0.054156	6	35.088
-0.04772	0.03700	0.06038	142.21573	0.028234	7	40.936
-0.14129	0.01495	0.14207	173.76126	0.066429	8	46.784
-0.02833	-0.08506	0.08915	251.57942	0.041918	9	52.632
0.03635	-0.10027	0.10665	289.92651	0.049867	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 185 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.70629					0	
-0.92161	1.21403	1.52421	127.20319	1.000000	1	5.917
0.07062	-0.67346	0.67715	275.98657	0.444265	2	11.834
0.02969	0.25091	0.25266	83.25146	0.165764	3	17.751
-0.09046	0.00512	0.09052	177.98602	0.059386	4	23.669
-0.01603	-0.04054	0.04359	248.43062	0.028599	5	29.586
-0.04784	-0.01110	0.04911	193.06461	0.032221	6	35.503
-0.03401	0.00484	0.03435	171.90584	0.022541	7	41.420
-0.10624	-0.03741	0.11266	199.39348	0.073911	8	47.337
-0.10693	-0.02928	0.11077	195.32697	0.072674	9	53.254
-0.10992	-0.07612	0.13370	214.70348	0.087717	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 185 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.87297					0	
0.25472	0.79931	0.83892	72.32448	1.000000	1	5.917
-0.28916	-0.04126	0.25209	188.11983	0.344175	2	11.834
-0.21696	0.12806	0.25193	149.44971	0.300308	3	17.751
-0.07877	-0.24873	0.26090	252.42731	0.311001	4	23.669
-0.07833	0.02445	0.08206	182.86742	0.097817	5	29.586
-0.19900	-0.15627	0.22794	224.50408	0.265751	6	35.503
-0.11341	-0.09125	0.14556	218.51975	0.173509	7	41.420
-0.12815	-0.23623	0.26875	241.52174	0.320351	8	47.337
-0.18224	-0.09262	0.20442	206.94014	0.243675	9	53.254
-0.02881	-0.12291	0.12624	256.80933	0.150485	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 185 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.70911					0	
-4.61901	5.97025	7.54846	127.72813	1.000000	1	5.917
0.36118	-3.25798	3.27793	276.32593	0.434252	2	11.834
0.11170	1.20242	1.20759	86.69264	0.159979	3	17.751
-0.02029	0.00248	0.02030	179.86165	0.055680	4	23.669
-0.09637	-0.17792	0.20234	241.55858	0.026805	5	29.586
-0.22085	-0.09408	0.22737	193.75455	0.030122	6	35.503
-0.16364	0.02853	0.16578	170.79225	0.021962	7	41.420
-0.49567	-0.17032	0.52034	199.10712	0.068933	8	47.337
-0.49714	-0.12973	0.51379	194.62534	0.068065	9	53.254
-0.50905	-0.35159	0.61866	214.62213	0.081959	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 185 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
8.75083					0	
1.14094	3.88463	4.04871	73.63211	1.000000	1	5.917
-1.34664	-0.16632	1.35687	187.04074	0.335138	2	11.834
-1.05083	0.61011	1.21511	149.86086	0.300122	3	17.751
-0.38497	-1.16288	1.22494	251.68288	0.302551	4	23.669
-0.37548	0.13556	0.39920	160.14848	0.098600	5	29.586
-0.72866	-0.73761	1.03683	225.34978	0.256090	6	35.503
-0.52846	-0.42256	0.68292	219.30154	0.168675	7	41.420
-0.60032	-1.09440	1.24823	241.25345	0.308304	8	47.337
-0.83177	-0.43467	0.94476	207.39413	0.233325	9	53.254
-0.14091	-0.56742	0.58466	256.05298	0.144405	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.50281					0	
-12.16920	15.23553	19.49898	129.61574	1.000000	1	5.917
0.98271	-0.07685	8.13641	276.93701	0.417274	2	11.834
0.13416	2.93006	2.93313	87.37837	0.150425	3	17.751
-0.96451	-0.05155	0.96588	183.05957	0.049535	4	23.669
-0.32314	-0.35975	0.48357	228.06882	0.024800	5	29.586
-0.50020	-0.13561	0.51826	195.16856	0.026579	6	35.503
-0.40163	0.07973	0.40947	168.77170	0.020999	7	41.420
-1.11877	-0.37468	1.17985	198.51567	0.040508	8	47.337
-1.14453	-0.26834	1.17557	193.19508	0.060289	9	53.254
-1.16057	-0.79719	1.40799	214.48518	0.072208	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
20.30933					0	
2.42031	9.71036	10.60745	76.00415	1.000000	1	5.917
-3.10505	-0.26364	3.11623	184.85323	0.311391	2	11.834
-2.61084	1.47062	2.99653	150.60861	0.299610	3	17.751
-0.97189	-2.70238	2.87184	250.71925	0.286970	4	23.669
-0.91537	0.41346	1.00441	195.69215	0.100366	5	29.586
-1.62526	-1.76644	2.38569	227.05829	0.238391	6	35.503
-1.21997	-1.03278	1.59842	220.24985	0.199723	7	41.420
-1.48067	-2.49685	2.86289	240.70857	0.286876	8	47.337
-1.88790	-1.01783	2.14479	208.33043	0.214320	9	53.254
-0.35628	-1.28516	1.33364	254.50511	0.133264	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
34.72113					0	
-34.01556	38.52362	51.39189	131.44389	1.000000	1	5.917
2.92443	-18.55487	18.78391	278.95654	0.365503	2	11.834
-7.84312	6.30981	6.36589	97.61082	0.123539	3	17.751
-1.55573	-0.55088	1.65038	199.49884	0.032114	4	23.669
-1.47171	-0.02280	1.47188	168.88762	0.028648	5	29.586
-0.72447	-8.24943	0.78621	198.99854	0.014909	6	35.503
-0.85721	0.32433	0.91651	159.27559	0.017834	7	41.420
-1.63297	-0.43985	1.69996	195.04909	0.032983	8	47.337
-1.79885	-0.14192	1.88361	184.50040	0.035995	9	53.254
-1.72131	-1.19899	2.07513	213.95303	0.040379	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
33.29373					0	
1.46957	22.47195	22.51994	86.25839	1.000000	1	5.917
-4.98364	0.62958	5.02325	172.79996	0.223058	2	11.834
-6.07232	3.04788	6.79451	153.34657	0.301702	3	17.751
-2.41805	-4.53819	5.14219	241.95024	0.228339	4	23.669
-1.94736	1.70308	2.58701	138.82854	0.114877	5	29.586
-2.12387	-3.75470	3.98637	236.87341	0.172575	6	35.503
-2.06031	-1.98745	2.88264	223.96881	0.127117	7	41.420
-2.42118	-3.69743	4.41983	236.78204	0.196254	8	47.337
-2.97398	-1.74758	3.11118	214.17412	0.138152	9	53.254
-0.82938	-1.82991	2.88989	245.61821	0.089214	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 188 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
51.51508					0	
-41.41690	40.61255	52.00626	135.56181	1.000000	1	5.917
3.94920	-16.15112	18.62692	283.73999	0.286640	2	11.834
-3.05616	4.65938	5.57225	123.26154	0.096063	3	17.751
-0.97769	-1.40320	1.40535	266.83081	0.024228	4	23.669
-2.67461	1.37136	3.00569	152.85431	0.051817	5	29.586
0.15887	-0.26839	0.26205	307.32031	0.004518	6	35.503
-0.66530	0.52271	0.84608	141.84416	0.014586	7	41.420
0.26727	0.40446	0.48897	56.86560	0.008430	8	47.337
-0.07827	0.76448	0.76848	95.84596	0.013258	9	53.254
0.21014	0.23541	0.31556	48.24617	0.005440	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 188 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.43437					0	
-5.72928	20.63916	21.41960	105.51428	1.000000	1	5.917
-0.41662	2.98371	3.01265	97.94890	0.140649	2	11.834
-5.39115	1.97403	5.74119	159.38921	0.268035	3	17.751
-2.40971	-0.91471	2.57748	200.78644	0.120333	4	23.669
-1.42876	2.80084	3.14421	117.02704	0.146791	5	29.586
1.16784	-1.45219	1.86352	308.80591	0.087001	6	35.503
-0.31942	-1.05543	1.10271	253.16180	0.051491	7	41.420
-0.64071	0.43619	0.77509	145.75322	0.036186	8	47.337
0.97591	-0.49871	1.09595	332.93188	0.051164	9	53.254
-0.81422	0.49025	0.93042	151.05843	0.043438	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 188 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
78.47054					0	
-53.36279	48.50726	72.11476	137.72888	1.000000	1	5.917
6.82257	-15.35841	16.72539	293.32568	0.231927	2	11.834
-6.05230	3.20849	6.85016	152.07076	0.094990	3	17.751
1.45646	-3.18694	3.50398	294.56079	0.048589	4	23.669
-3.88543	1.25577	4.06430	162.00246	0.056359	5	29.586
0.61385	-1.21740	1.36340	296.75854	0.018906	6	35.503
-1.20813	0.43562	1.28427	160.17210	0.017809	7	41.420
0.82488	1.09553	1.37136	93.02206	0.019016	8	47.337
0.44773	1.49594	1.53583	76.91393	0.021297	9	53.254
0.91591	1.14545	1.46641	51.35396	0.020337	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 188 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.10279					0	
-4.11107	27.35776	27.66450	78.54596	1.000000	1	5.917
2.01807	5.89875	6.23447	71.11147	0.225357	2	11.834
-4.70284	0.44094	4.72346	174.64362	0.170739	3	17.751
-2.03630	0.52082	2.10185	165.65315	0.075975	4	23.669
-1.28111	2.92870	3.19664	113.62614	0.115549	5	29.586
3.66239	-0.49659	3.69591	352.27832	0.133595	6	35.503
1.93957	-0.91896	2.14626	334.64864	0.077580	7	41.420
0.39613	1.65335	1.70015	76.52646	0.061455	8	47.337
2.67397	-0.51318	2.72276	349.13599	0.098411	9	53.254
-1.69534	1.55139	2.29804	137.53877	0.083067	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
80.04221					0	
-44.99490	40.37262	60.45226	138.09930	1.000000	1	5.917
7.70496	-9.36731	12.12901	309.43848	0.200638	2	11.834
-7.17383	0.71043	7.20892	174.34438	0.119250	3	17.751
2.18910	-4.40325	4.91739	296.43433	0.081343	4	23.669
-3.23651	-1.04191	3.40008	197.84465	0.056244	5	29.586
0.37063	-2.76531	2.79004	277.53379	0.046153	6	35.503
-1.78859	-0.14229	1.79424	184.54840	0.029680	7	41.420
-0.40696	1.01214	1.09089	111.90401	0.018046	8	47.337
-0.77010	1.24171	1.46113	121.40679	0.024170	9	53.254
-0.14973	0.88037	0.89301	99.55207	0.0314772	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
20.24680					0	
8.49491	30.94476	32.09958	74.64937	1.000000	1	5.917
0.79718	6.58126	6.62936	83.09340	0.206559	2	11.834
-2.03766	-1.45483	2.50372	215.52574	0.078023	3	17.751
-0.42468	-0.67662	0.79886	237.88524	0.024895	4	23.669
-1.04591	0.56168	1.18719	151.76320	0.036996	5	29.586
1.33663	-0.42103	3.36309	352.80811	0.104803	6	35.503
1.53011	-1.24451	3.74306	340.58032	0.116644	7	41.420
0.30494	-1.09894	1.14046	285.50854	0.035540	8	47.337
0.99794	-1.64619	1.92247	301.09717	0.059909	9	53.254
-2.40980	0.52225	2.66154	168.68393	0.082941	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
62.31049					0	
-28.65584	26.16841	38.80647	137.59779	1.000000	1	5.917
0.08028	-3.73903	7.13794	325.41064	0.183937	2	11.834
-6.31928	-0.66242	6.35390	185.98416	0.163733	3	17.751
1.85964	-3.95720	4.37238	295.17041	0.112671	4	23.669
-2.09225	-2.09264	2.95916	225.70525	0.076254	5	29.586
0.23365	-2.98755	2.99667	274.47168	0.077221	6	35.503
-1.40625	-0.42127	1.46799	196.67644	0.037829	7	41.420
-0.93634	0.61017	1.11760	146.90959	0.028799	8	47.337
-1.19199	0.65665	1.36089	151.15016	0.035069	9	53.254
-0.74058	0.76148	0.82409	153.98242	0.021236	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
20.76645					0	
13.19118	26.14296	29.28242	63.22542	1.000000	1	5.917
-0.64839	5.32029	5.35965	96.94935	0.183033	2	11.834
-0.25015	-1.75926	1.77696	261.90723	0.060683	3	17.751
0.49397	-1.18518	1.26400	242.62573	0.043849	4	23.669
-0.80273	-1.10631	1.36685	234.03574	0.046678	5	29.586
2.02841	-0.52740	2.09585	345.42554	0.071574	6	35.503
3.18404	-1.16306	3.39164	339.94531	0.115827	7	41.420
0.00748	-2.46719	2.46721	270.17383	0.084255	8	47.337
-0.37730	-1.88996	1.92725	258.71021	0.065816	9	53.254
-2.30840	-0.57349	2.33842	189.19267	0.079857	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND FITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 198 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
67.82172					0	
-24.68956	24.31120	34.64430	135.44241	1.000000	1	5.917
5.36903	-1.10060	5.44028	348.41528	0.158173	2	11.834
-7.58234	-1.38611	7.70799	190.35970	0.222454	3	17.751
1.81723	-4.19356	4.57037	293.42896	0.131902	4	23.669
-1.95291	-2.58190	3.23736	232.89757	0.093431	5	29.586
0.72306	-3.57914	3.65147	281.42114	0.105382	6	35.503
-0.61337	-0.54664	0.82161	221.70789	0.023712	7	41.420
-0.74057	0.37436	0.82981	153.18324	0.023949	8	47.337
-1.12410	0.23854	1.14913	168.01939	0.033164	9	53.254
-0.75631	0.05675	0.75844	175.70891	0.021889	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 188 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
33.56554					0	
14.83141	29.62715	33.13213	63.40732	1.000000	1	5.917
-1.95623	5.72030	6.04555	108.87971	0.182468	2	11.834
0.48840	-1.21723	1.31156	291.86230	0.039586	3	17.751
0.78932	-0.65343	1.02162	320.23755	0.030835	4	23.669
-1.12018	-2.56101	2.79529	246.37546	0.084368	5	29.586
1.62289	-0.96445	1.88784	329.27783	0.056979	6	35.503
2.89265	-1.21022	3.13561	337.24619	0.094640	7	41.420
-0.13809	-2.78611	2.78955	267.16235	0.084195	8	47.337
-0.73063	-1.96767	2.09893	249.62919	0.063350	9	53.254
-1.93364	-0.85108	2.11265	203.75644	0.063764	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 198 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
150.91661					0	
-33.64131	40.88614	52.94727	124.44774	1.000000	1	5.917
5.74663	5.21996	8.46963	47.25511	0.159963	2	11.834
-19.93155	-3.91110	20.31165	191.10188	0.383620	3	17.751
2.80361	-8.12367	8.59089	287.77002	0.161120	4	23.669
-3.41140	-4.84867	6.22965	231.10701	0.117658	5	29.586
3.77270	-7.90421	8.75842	295.51514	0.165418	6	35.503
3.03794	-1.04764	3.21350	340.97314	0.060692	7	41.420
1.01004	-0.12393	1.01761	353.00464	0.019219	8	47.337
-0.43890	-1.00336	1.09515	246.37418	0.020684	9	53.254
-0.19863	-0.80746	0.83153	256.17969	0.015705	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
 MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 198 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
66.09619					0	
22.61122	64.52805	68.37494	70.68901	1.000000	1	5.917
-7.57755	12.38772	14.52153	121.45415	0.212381	2	11.834
1.66563	1.43187	2.19649	40.68411	0.832124	3	17.751
1.44576	2.75425	3.11064	62.30405	0.045494	4	23.669
-3.43611	-8.90183	9.44876	248.57497	0.138190	5	29.586
1.88319	-3.35688	3.83160	299.43848	0.056035	6	35.503
2.80312	-1.85712	3.36250	326.47485	0.049177	7	41.420
-0.59826	-3.38792	3.44034	299.98511	0.050316	8	47.337
-0.98200	-2.81069	2.97729	250.74135	0.043544	9	53.254
-1.12631	-2.45273	2.69897	245.33501	0.039473	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
100.16368					0	
-6.34938	11.25508	12.94716	119.62163	0.703833	1	5.917
0.35353	11.60438	11.60976	88.25494	0.631130	2	11.834
-18.14438	-3.02749	18.39520	189.47284	1.000000	3	17.751
0.61544	-5.82871	5.86111	276.02783	0.318622	4	23.669
-3.68842	-3.20355	4.88540	220.97572	0.265580	5	29.586
2.85139	-5.52529	6.21765	297.29639	0.338004	6	35.503
4.28220	-0.84138	4.36407	348.88379	0.277240	7	41.420
2.34037	-0.39245	2.37304	350.48071	0.179063	8	47.337
0.80315	-0.90386	1.20914	311.62354	0.05731	9	53.254
0.47405	-0.89725	1.01572	297.94897	0.055217	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
72.41861					0	
10.21353	32.03932	33.62787	72.31863	1.000000	1	5.917
-5.08035	8.62367	10.00888	120.50311	0.297834	2	11.834
0.68951	1.85817	1.98197	69.64169	0.058938	3	17.751
0.72077	3.65643	3.72679	78.84857	0.110824	4	23.669
-2.34986	-6.15020	6.58383	249.08910	0.195785	5	29.586
-0.05465	-2.36386	2.36449	268.67529	0.070313	6	35.503
-0.05634	-0.62578	0.62931	266.86328	0.018714	7	41.420
-0.93336	-0.78198	1.22151	220.17232	0.036324	8	47.337
-1.17639	-1.67454	2.04645	234.91124	0.060856	9	53.254
-0.00077	-2.13649	2.13649	269.97925	0.063533	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
90.07259					0	
15.49877	-18.12086	23.84486	310.54028	0.941362	1	5.917
-0.84245	21.32890	21.34552	92.26136	0.824788	2	11.834
-25.73218	-2.76250	25.88002	186.14756	1.000000	3	17.751
-0.86936	-9.13004	8.17639	263.89624	0.315934	4	23.669
-5.90821	-4.37234	7.35012	216.50314	0.284007	5	29.586
0.95324	-5.46017	5.54276	279.90283	0.214171	6	35.503
4.17415	-1.11386	4.32021	345.05884	0.166932	7	41.420
2.92434	0.03654	2.92457	0.71578	0.113005	8	47.337
1.03185	0.15440	1.04334	8.51042	0.040314	9	53.254
0.22268	-0.77229	0.80375	246.08423	0.031057	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
133.38715					0	
11.52376	4.58299	12.40166	21.68763	1.000000	1	5.917
-2.67217	10.11223	10.45933	104.80220	0.843381	2	11.834
-2.37088	-1.24489	2.66842	207.32466	0.219166	3	17.751
1.25128	2.15666	2.49337	59.67796	0.201051	4	23.669
-0.58331	-2.95141	3.00850	258.82067	0.242588	5	29.586
-1.30112	-0.60195	1.43361	204.82730	0.115548	6	35.503
-0.73714	0.49364	0.88716	146.19182	0.071535	7	41.420
-1.74112	-0.45162	1.79874	194.54117	0.145040	8	47.337
-2.81685	-2.49095	3.78025	221.48651	0.303205	9	53.254
-1.33733	-2.36726	2.71890	240.53661	0.219237	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
64.94563					0	
24.43706	-20.81222	32.09882	319.57935	1.000000	1	5.917
1.75222	18.84410	18.92537	84.68756	0.589597	2	11.834
-20.52828	0.00973	20.52826	179.97282	0.639284	3	17.751
-1.92577	-7.25516	7.50639	255.13448	0.233853	4	23.669
-2.63145	-4.03965	4.82113	236.91956	0.158196	5	29.586
0.20209	-2.13248	2.16204	275.41357	0.066733	6	35.503
1.24277	0.21843	1.26846	9.61843	0.839268	7	41.420
1.88787	0.59885	1.21765	28.55771	0.838557	8	47.337
0.68894	-0.82610	0.68943	357.83857	0.021478	9	53.254
0.32732	-0.69934	0.73612	296.40161	0.022933	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.79517					0	
11.68893	2.91251	12.82691	14.85441	0.975939	1	5.917
-6.50955	18.46387	12.32343	121.88570	1.000000	2	11.834
-0.88465	-2.71821	8.45298	198.78848	0.685921	3	17.751
3.36146	-1.82426	3.82457	331.51123	0.318350	4	23.669
1.92139	-0.47222	1.97857	346.19214	0.160554	5	29.586
-0.28643	2.01368	2.83387	98.89589	0.165841	6	35.503
-0.86982	2.35356	2.58887	118.26682	0.203585	7	41.420
-0.84618	-0.11826	0.85334	187.42372	0.069245	8	47.337
-0.28917	-0.39547	0.48830	233.68487	0.039624	9	53.254
0.22882	-0.38485	0.38854	386.96387	0.038879	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
63.71657					0	
38.22191	-30.89441	42.45016	315.12109	1.000000	1	5.917
0.85488	20.37246	20.39037	87.59935	0.478884	2	11.834
-22.28881	-0.89110	22.22586	182.29778	0.521120	3	17.751
-1.58587	-0.97188	9.09645	260.47607	0.213281	4	23.669
-2.67793	-4.07044	5.64593	241.68539	0.132378	5	29.586
-0.32011	-2.09900	2.12327	261.32886	0.049783	6	35.503
0.63470	0.18415	0.64318	9.31853	0.815080	7	41.420
1.44065	0.91494	1.70643	32.41987	0.848815	8	47.337
0.63649	0.34299	0.72302	28.31935	0.816952	9	53.254
0.08648	-0.69272	0.69809	277.11597	0.016368	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
64.96789					0	
33.83928	20.12695	39.37245	30.74336	1.000000	1	5.917
-0.93153	18.33981	19.60597	110.70413	0.497962	2	11.834
-18.37419	-1.99827	18.49541	186.95093	0.416758	3	17.751
2.57126	-7.40401	7.87114	289.83862	0.199915	4	23.669
5.56197	-2.18596	5.94731	339.26147	0.151053	5	29.586
-0.51454	0.96114	1.09020	118.16194	0.027689	6	35.503
0.72595	1.78221	1.70646	85.74831	0.043352	7	41.420
-0.33983	1.02235	1.07735	108.38673	0.027363	8	47.337
-0.17686	-0.19995	0.26695	228.50719	0.006780	9	53.254
1.08404	-0.65960	1.26894	328.68091	0.032229	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.27250					0	
15.46644	-18.41714	24.04869	310.01929	1.000000	1	5.917
-0.47743	10.04285	10.05420	92.72193	0.418077	2	11.834
-11.13255	-1.16333	11.19317	195.96562	0.405438	3	17.751
-0.35183	-4.83359	4.84438	265.83657	0.201524	4	23.669
-1.67223	-2.64382	3.12828	237.58634	0.130081	5	29.586
-0.41329	-1.27283	1.33825	252.01111	0.055648	6	35.503
0.30589	-0.19453	0.36250	327.54541	0.015074	7	41.420
1.03368	0.49981	1.14817	25.40516	0.047744	8	47.337
0.28641	0.41542	0.50458	55.41553	0.020902	9	53.254
-0.11872	-0.30882	0.33086	248.97179	0.013758	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
52.46475					0	
25.40349	15.83143	29.91277	31.93112	1.000000	1	5.917
-2.46062	11.65667	11.90767	101.2584	0.397814	2	11.834
-10.50045	-0.45702	10.51039	182.49214	0.351133	3	17.751
0.51848	-5.49964	5.52402	275.33550	0.184548	4	23.669
3.94026	-1.83606	4.34704	335.01562	0.145227	5	29.586
-0.52058	-0.36956	0.63842	215.37135	0.021326	6	35.503
0.55026	0.19637	0.58425	19.63979	0.019519	7	41.420
-0.03986	0.96585	0.96667	92.36343	0.032295	8	47.337
-0.42870	-0.30039	0.52347	215.01871	0.017488	9	53.254
0.60286	-0.72740	0.94475	179.65161	0.031562	10	59.172

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.37178					0	
1.23272	-1.50079	1.94215	309.39917	1.000000	1	5.917
-0.04796	0.79523	0.79668	93.45125	0.410204	2	11.834
-0.88349	-0.10033	0.88916	186.47864	0.457823	3	17.751
-0.02339	-0.38774	0.38844	266.54810	0.200007	4	23.669
-0.13607	-0.21174	0.25169	237.27316	0.129595	5	29.586
-0.03576	-0.10320	0.10922	250.69079	0.056237	6	35.503
0.02375	-0.01809	0.02986	322.73044	0.015372	7	41.420
0.06544	0.04025	0.09445	25.22415	0.048831	8	47.337
0.02233	0.03573	0.04213	57.99804	0.021693	9	53.254
-0.01127	-0.02409	0.02660	244.93170	0.013695	10	59.172

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 502 OSC CTR 100 TEST COND 37 COMP RUN 45.1

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.78199					0	
2.11619	1.32581	2.49720	32.06755	1.000000	1	5.917
-0.18457	0.95422	0.97191	100.94724	0.389199	2	11.834
-0.86161	-0.03007	0.86213	181.99864	0.345240	3	17.751
0.03201	-0.45820	0.45932	273.99659	0.183932	4	23.669
0.32670	-0.15475	0.36150	334.65425	0.144763	5	29.586
-0.04418	-0.03692	0.09888	221.37421	0.023378	6	35.503
0.04936	0.00824	0.05004	9.47256	0.020040	7	41.420
-0.00148	0.88203	0.88205	91.03357	0.032855	8	47.337
-0.03752	-0.02581	0.04554	214.53117	0.018236	9	53.254
0.04892	-0.06407	0.07903	308.24731	0.031647	10	59.172

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
 MODEL HM-51A SAIL 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.28004					0	
-1.10903	1.28998	1.74009	132.10417	1.000000	1	5.002
0.20534	-1.20223	1.23503	283.3.154	0.709769	2	11.705
-0.01901	0.54254	0.54291	92.09094	0.311054	3	17.447
-0.10074	-0.20239	0.33678	240.31059	0.193452	4	23.529
-0.07044	-0.02615	0.00079	190.00730	0.044405	5	29.412
0.00041	0.07507	0.10154	47.65544	0.050340	6	35.294
-0.10760	0.20960	0.20043	120.03710	0.154192	7	41.176
-0.20744	0.14255	0.25171	145.50560	0.164509	8	47.059
-0.21600	0.03523	0.21904	170.77044	0.126167	9	52.941
-0.11037	-0.02033	0.12109	109.44577	0.369555	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
 MODEL HM-51A SAIL 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.03079					0	
-1.05734	-1.27322	1.45454	230.33575	1.000000	1	5.002
-0.00794	-0.29776	0.91700	190.93550	0.553917	2	11.705
-0.47014	0.25132	0.53319	151.05414	0.321069	3	17.447
0.00794	0.03960	0.10567	22.05644	0.003790	4	23.529
0.01740	0.44303	0.40474	87.04222	0.200194	5	29.412
0.10917	0.06200	0.10934	10.30075	0.120534	6	35.294
0.03415	0.00017	0.05454	0.00704	0.020040	7	41.176
0.24071	-0.20083	0.32004	320.29907	0.193570	8	47.059
0.09424	-0.19305	0.21642	295.70630	0.130767	9	52.941
0.23712	0.00000	0.25330	24.50907	0.152900	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
 MODEL HM-51A SAIL 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.50041					0	
-5.04270	6.29577	0.75990	139.04434	1.000000	1	5.002
1.44459	-5.05007	0.03140	200.00347	0.704411	2	11.705
-0.14100	2.40056	2.40043	99.12241	0.304259	3	17.447
-0.74040	-1.39511	1.50059	240.77562	0.106753	4	23.529
-0.30770	-0.10757	0.42236	203.37550	0.049542	5	29.412
0.35451	0.35443	0.50130	44.99359	0.050544	6	35.294
-0.01422	0.00400	1.27725	129.40410	0.149213	7	41.176
-0.00447	0.47327	1.17002	145.14330	0.137621	8	47.059
-1.03006	0.10479	1.05105	170.97955	0.122700	9	52.941
-0.50827	-0.10203	0.57746	190.23766	0.067441	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
 MODEL HM-51A SAIL 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.95679					0	
-5.04052	-5.99502	7.03405	229.00921	1.000000	1	5.002
-0.10227	-1.42017	4.42629	190.71420	0.504001	2	11.705
-2.20401	1.10000	2.55752	152.31931	0.320379	3	17.447
0.47371	0.12003	0.40000	14.30900	0.062300	4	23.529
0.11554	2.17504	2.17011	00.95900	0.277900	5	29.412
0.91701	0.29955	0.00070	10.16001	0.122000	6	35.294
0.10719	0.02413	0.10076	7.37040	0.024900	7	41.176
1.10415	-0.90029	1.52191	319.90039	0.194210	8	47.059
0.45041	-0.95740	1.05372	295.30544	0.134471	9	52.941
1.12600	0.39171	1.19551	19.36304	0.152310	10	58.824

HARMONIC COMPONENTS OF AIFLOADS AND FITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL NO-51A SNIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 0.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.79526					0	
-19.32227	15.97720	21.04996	134.52734	1.000000	1	5.002
4.30752	-14.64194	15.19009	205.28000	0.495403	2	11.705
-0.39750	0.79944	0.36391	95.02505	0.291255	3	17.647
-1.01791	-3.77701	3.02604	241.64551	0.175146	4	23.529
-1.04120	-0.1905	1.20130	299.91205	0.054079	5	29.412
0.90429	0.03976	1.29304	40.44953	0.059215	6	35.294
-2.03104	2.30444	3.07350	131.43005	0.140448	7	41.176
-2.23139	1.59044	2.76345	144.42471	0.125550	8	47.059
-2.52552	0.30330	2.95445	171.36813	0.110409	9	52.941
-1.36776	-0.27361	1.39400	191.31235	0.063030	10	58.827

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL NO-51A SNIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 0.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
9.52044					0	
-12.21002	-14.07050	10.63407	229.03079	1.000000	1	5.002
-10.34417	-5.43004	10.91700	190.31206	0.509400	2	11.705
-5.57204	2.01723	0.24375	153.17000	0.335057	3	17.647
1.17400	-0.01052	1.17423	399.00505	0.063012	4	23.529
0.42507	5.00406	5.10240	85.22124	0.273009	5	29.412
2.25304	0.72109	2.34550	17.74070	0.120059	6	35.294
0.54243	0.03650	0.54327	5.74430	0.030334	7	41.176
2.75404	-2.34290	3.44245	319.14063	0.195444	8	47.059
1.04225	-2.40203	2.63070	294.45215	0.141600	9	52.941
2.49706	0.02555	2.02010	10.97000	0.151339	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL NO-51A SNIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 0.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.27339					0	
-10.34012	30.13910	55.70067	139.54990	1.000000	1	5.002
12.44057	-35.15007	57.50027	209.00010	0.670017	2	11.705
-2.00420	15.77490	14.07412	101.67400	0.250005	3	17.647
-3.07040	-0.02405	7.57502	244.00003	0.135990	4	23.529
-2.03137	-2.02025	4.04777	229.00013	0.073026	5	29.412
3.09142	1.73045	3.54405	20.35313	0.043075	6	35.294
-0.01150	4.00225	0.31000	130.00700	0.110000	7	41.176
-3.59440	3.07993	4.73134	139.30570	0.099959	8	47.059
-5.40433	2.74959	5.45552	172.14004	0.077040	9	52.941
-2.01495	-0.79525	2.92474	195.77762	0.052000	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL NO-51A SNIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 0.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.34053					0	
-25.32342	-26.30070	34.63439	225.00917	1.000000	1	5.002
-25.30749	-7.22100	24.00042	197.21500	0.600049	2	11.705
-12.44710	9.31407	13.53430	150.07770	0.309243	3	17.647
2.75009	-2.07522	3.00040	313.70000	0.100079	4	23.529
2.34022	0.90005	5.27072	75.04072	0.252022	5	29.412
5.04025	1.55405	5.29002	17.00450	0.140053	6	35.294
5.50009	3.09421	2.20015	0.00405	0.001025	7	41.176
5.50044	-4.94440	7.22023	210.77200	0.197036	8	47.059
2.32342	-5.03440	0.27073	294.74750	0.171070	9	52.941
5.50061	0.49572	5.41004	5.25225	0.147101	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 0.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
29.79654					0	
-30.72444	32.40004	60.23224	147.36765	1.000000	1	5.002
17.33963	-33.24161	37.49222	297.54761	0.622431	2	11.765
-5.83534	10.27549	11.81681	119.59190	0.194106	3	17.647
-0.80904	-4.51204	4.50524	261.31128	0.015794	4	23.529
-3.88424	-5.42553	6.62751	234.94066	0.110032	5	29.412
4.30658	0.93460	4.49523	12.02591	0.374632	6	35.294
-4.44429	1.29729	4.62976	163.72746	0.074645	7	41.176
-0.34679	1.49321	1.53295	105.87498	0.025451	8	47.059
-3.91079	0.27049	3.92812	176.04054	0.005214	9	52.941
-1.78346	-1.00954	2.04936	209.51230	0.034624	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 0.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
11.00097					0	
-17.30994	-10.24949	20.11174	210.63940	0.991726	1	5.002
-19.09270	-4.04304	20.27954	193.81653	1.000000	2	11.745
-10.13496	2.40432	10.43500	166.22702	0.514550	3	17.647
2.42317	-7.00075	8.16044	207.25659	0.402792	4	23.529
4.35613	2.71150	5.13109	31.90041	0.253018	5	29.412
4.22917	1.04544	4.35647	13.00532	0.214821	6	35.294
3.65539	-0.05778	3.65505	359.09424	0.100273	7	41.176
2.44162	-3.46001	4.24130	305.14697	0.209142	8	47.059
1.83052	-5.71811	5.94603	205.91520	0.293203	9	52.941
3.14014	-2.10040	3.82764	325.12329	0.100744	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 80
MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 0.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
40.24759					0	
-63.04080	35.04444	72.15079	150.94073	1.000000	1	5.002
19.91040	-32.79505	36.37125	301.27344	0.531620	2	11.765
-10.04444	5.00544	12.16329	151.06041	0.160501	3	17.647
0.11154	-2.02570	2.02790	272.26674	0.039194	4	23.529
-7.13171	-10.38210	12.99540	235.51410	0.174574	5	29.412
0.96723	-2.06050	7.26547	343.52637	0.100690	6	35.294
-4.30413	-0.65003	4.43204	188.43372	0.061428	7	41.176
0.83042	-0.74200	1.11420	310.10091	0.015444	8	47.059
-2.47973	-1.54434	2.92132	211.91441	0.040409	9	52.941
-0.50959	-1.21273	1.34671	244.22523	0.010465	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 80
MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 0.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.98274					0	
-10.16134	15.26215	10.33537	123.65523	0.857629	1	5.002
-21.33762	-1.33220	21.37915	103.57257	1.000000	2	11.765
-0.00949	0.91765	0.14137	175.52817	0.300009	3	17.647
1.20971	-11.62360	11.40630	275.94141	0.544425	4	23.529
4.51321	-2.15245	5.00201	334.51221	0.233967	5	29.412
4.10426	-0.48194	4.21182	353.44165	0.197006	6	35.294
3.02600	1.09635	3.21632	19.81500	0.150451	7	41.176
-1.40049	-4.35763	4.57985	252.10925	0.214183	8	47.059
0.66170	-0.81702	6.04985	275.34344	0.320399	9	52.941
1.01013	-4.24371	4.36227	283.38892	0.204043	10	58.824

HARMONIC COMPONENTS OF AIFLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL RM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.49043					0	
-49.91960	28.35324	57.40974	150.40442	1.000000	1	5.882
11.02790	-18.79042	21.78751	300.40045	0.379509	2	11.765
-12.76725	-1.71158	12.88147	187.63556	0.224378	3	17.647
-0.94425	-0.99512	1.37182	226.50247	0.023895	4	23.529
-9.59068	-12.62273	15.82874	232.98791	0.275715	5	29.412
7.50955	-6.04499	9.70274	321.46289	0.169009	6	35.294
-2.64059	-1.08521	2.87339	202.18965	0.050051	7	41.176
-0.61500	-2.92973	2.99359	258.14453	0.052144	8	47.059
-0.22652	-3.78135	3.75813	266.57178	0.065984	9	52.941
0.93053	-0.87356	1.27632	316.80884	0.022232	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL RM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
32.34057					0	
-0.79821	41.27928	41.29483	91.89674	1.000000	1	5.882
-19.88125	3.71564	19.43984	168.98005	0.470043	2	11.765
-3.25204	0.41162	3.27799	172.78627	0.079395	3	17.647
-1.24519	-0.62027	8.0974	261.78852	0.218957	4	23.529
0.67911	-4.00047	4.35770	279.63452	0.098281	5	29.412
3.85384	-2.70452	4.87926	318.47144	0.098803	6	35.294
-0.83450	2.77453	2.80731	106.73984	0.070175	7	41.176
-0.98510	-5.59056	7.49037	228.27658	0.181423	8	47.059
-0.73169	-5.94164	5.98653	262.97949	0.164998	9	52.941
-1.00806	-3.59787	3.67762	252.62775	0.089075	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL RM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.62563					0	
-29.39906	17.86761	34.48285	148.71039	1.000000	1	5.882
3.26882	-5.91850	6.72441	298.48267	0.195441	2	11.765
-11.43174	-5.22670	12.94993	204.57031	0.365375	3	17.647
-1.44358	-6.17828	1.45455	187.04048	0.042280	4	23.529
-0.36825	-10.34256	13.30399	231.02338	0.386712	5	29.412
6.85238	-0.16609	8.78399	313.55298	0.255327	6	35.294
-1.83346	-0.69239	1.24396	213.82103	0.036159	7	41.176
-1.26833	-2.96464	3.22143	246.96849	0.093638	8	47.059
0.78593	-3.76279	3.84399	281.79761	0.111735	9	52.941
1.44368	-0.51542	1.53292	340.35229	0.044558	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL RM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
33.23547					0	
3.23006	43.47544	43.59537	85.74985	1.000000	1	5.882
-13.54078	5.44062	14.60038	158.03717	0.334907	2	11.765
-0.52717	0.12358	0.94146	166.80719	0.012420	3	17.647
-2.82444	-4.58245	4.93684	245.78979	0.113238	4	23.529
-1.51960	-3.55395	3.86520	246.84935	0.080661	5	29.412
1.62224	-3.13643	3.53113	297.34888	0.080798	6	35.294
-2.30456	2.64839	3.57861	131.78444	0.082087	7	41.176
-4.98892	-4.66041	6.76882	223.51239	0.155265	8	47.059
-1.13844	-3.81116	3.97756	253.36852	0.091238	9	52.941
-1.61515	-2.88155	2.63449	232.19077	0.060435	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
15.29645					0	
-22.98999	15.57674	27.77002	145.88062	1.000000	1	5.882
0.18644	1.14142	1.15657	88.71399	0.841648	2	11.765
-14.88272	-7.56489	15.98557	288.24186	0.575641	3	17.647
-1.54164	-0.14188	1.54888	185.22856	0.855746	4	23.529
-8.57496	-9.62419	12.89011	228.29955	0.464174	5	29.412
6.16855	-6.63308	9.85257	312.88501	0.325983	6	35.294
0.89965	-0.37694	0.38989	284.88896	0.814840	7	41.176
-0.74267	-2.31795	2.43482	252.23448	0.887649	8	47.059
0.84819	-3.39677	3.50205	284.21851	0.126189	9	52.941
1.92171	-0.73509	2.05750	339.86714	0.874891	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.14772					0	
3.16388	50.58601	50.68484	86.42157	1.080650	1	5.882
-12.58177	8.87365	14.16176	150.64349	0.279488	2	11.765
-8.72884	0.29379	8.78676	158.87336	0.815522	3	17.647
-2.59290	-3.35587	4.24887	232.38862	0.883671	4	23.529
-2.38199	-4.31952	4.76898	245.13344	0.893931	5	29.412
0.93267	-3.45512	3.61742	284.94116	0.871371	6	35.294
-1.99434	2.18274	2.98485	132.28696	0.858488	7	41.176
-4.82863	-3.53289	5.35814	221.24742	0.185715	8	47.059
-1.25822	-2.78586	2.98854	245.19965	0.858885	9	52.941
-1.44287	-1.81238	2.31689	231.49158	0.865496	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
27.49962					0	
-23.87150	20.26997	38.71108	138.89838	0.727675	1	5.882
-4.88996	24.12369	24.81420	101.45770	0.583216	2	11.765
-37.83666	-19.69712	42.26378	206.90369	1.088800	3	17.647
-7.24923	-1.76918	2.86165	219.18761	0.847885	4	23.529
-14.57589	-13.51792	19.87959	222.84335	0.471828	5	29.412
11.78773	-9.58448	15.13849	320.89482	0.358386	6	35.294
3.33595	0.87958	3.44882	14.77954	0.881698	7	41.176
2.42869	-0.85993	2.42143	358.58252	0.857374	8	47.059
0.48725	-2.76874	2.81129	279.98896	0.846611	9	52.941
4.46829	-2.31637	5.03301	332.59766	0.119254	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
99.83044					0	
0.78241	100.35231	100.35475	89.59891	1.008000	1	5.882
-18.97449	15.89134	24.75805	140.85347	0.244626	2	11.765
-5.89278	-0.37801	5.90489	183.67839	0.851848	3	17.647
-4.81161	-4.10003	5.73613	225.62448	0.857159	4	23.529
-2.55321	-10.18729	10.45555	236.99292	0.184184	5	29.412
-1.05044	-4.21444	6.30562	260.24438	0.842737	6	35.294
1.51531	-8.17454	1.52533	353.42920	0.815199	7	41.176
-0.47169	-0.41257	0.62866	221.17488	0.886244	8	47.059
-1.50887	-0.56745	1.59192	198.58839	0.815883	9	52.941
-0.76749	-3.23314	3.32299	256.84488	0.833112	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND FITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
 MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
16.44027					0	
6.91392	-3.93886	7.95719	330.32983	0.214891	1	5.882
-6.47384	32.42970	33.07347	101.32339	0.893178	2	11.765
-32.61119	-17.54015	37.02099	208.27386	1.000000	3	17.647
-0.94260	-4.09974	4.20670	257.05191	0.113406	4	23.529
-7.16585	-7.00960	18.02416	224.34040	0.270711	5	29.412
6.74715	-2.31159	7.13214	341.08838	0.192610	6	35.294
1.40429	1.20046	1.90718	42.58107	0.051505	7	41.176
2.30909	0.69422	2.39998	15.81840	0.044813	8	47.059
0.86793	0.19511	0.88168	18.13230	0.023811	9	52.941
2.61440	-0.50794	2.66328	349.00913	0.071024	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
 MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
9.88487					0	
6.85839	34.29791	34.97650	78.69513	1.000000	1	5.882
-3.68133	16.96280	19.02009	104.18644	0.429457	2	11.765
-4.81341	-2.07549	5.24188	203.32721	0.149869	3	17.647
-0.33555	-1.16347	1.21099	293.91237	0.034620	4	23.529
0.12322	-7.22005	7.22110	278.97778	0.206456	5	29.412
-1.19233	-2.73287	2.98165	246.42860	0.083247	6	35.294
1.98690	-2.84813	3.42756	303.88322	0.097996	7	41.176
3.02079	0.20026	3.02742	3.79283	0.004556	8	47.059
1.53449	1.15878	1.92287	37.05864	0.054976	9	52.941
0.29154	-0.05242	0.99684	287.01929	0.028477	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
 MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
13.24319					0	
35.33943	-35.11388	49.94033	315.34497	1.000000	1	5.882
-7.80909	49.04068	48.85852	99.04768	0.993959	2	11.765
-41.54523	-24.22855	48.89395	218.25088	0.962643	3	17.647
-3.82474	-9.15579	9.64249	251.71823	0.193883	4	23.529
-5.33397	-12.34100	13.44275	244.65898	0.269449	5	29.412
7.59153	2.38341	7.93329	16.07875	0.158792	6	35.294
-4.55342	2.67548	5.28127	140.56250	0.105709	7	41.176
-1.83567	-3.73690	4.16343	243.83838	0.083335	8	47.059
5.99827	-0.88186	4.07884	348.63745	0.081665	9	52.941
1.46555	3.31832	3.62023	66.12800	0.072462	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
 MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-118.47276					0	
28.91300	-25.57831	38.60385	318.50249	1.000000	1	5.882
0.29579	22.88698	22.88888	89.25690	0.598845	2	11.765
-1.80488	-14.19865	14.29583	263.31519	0.378321	3	17.647
9.34441	1.39748	9.45038	8.50387	0.244882	4	23.529
-0.83440	-2.15224	2.30848	248.88458	0.099797	5	29.412
-3.44956	-2.18919	4.00558	212.48844	0.105834	6	35.294
-1.76654	-8.48934	6.72548	254.77182	0.174218	7	41.176
3.78593	-5.44392	6.67094	304.81616	0.171769	8	47.059
4.51363	1.23793	4.68224	15.33866	0.121289	9	52.941
-2.57824	-0.14574	2.58236	183.23531	0.066894	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL XM-S1A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.04189					0	
35.97244	-37.82607	52.19989	313.56104	1.000000	1	5.882
1.15632	37.63075	37.64850	88.23991	0.721237	2	11.765
-7.26512	-9.25508	31.64801	197.00017	0.606285	3	17.647
-10.19711	-7.45764	12.63319	216.17981	0.242016	4	23.529
-3.26662	-17.19590	17.56237	259.26310	0.395295	5	29.412
12.34991	3.96846	12.97185	17.81604	0.240503	6	35.294
-4.62053	8.11052	10.46957	129.22441	0.200547	7	41.176
-3.38731	-4.10993	6.77603	217.33963	0.120009	8	47.059
3.16593	-2.14004	3.83212	325.60994	0.073412	9	52.941
0.90275	4.26260	4.35722	78.04256	0.083472	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-S1A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-31.13425					0	
16.78888	2.64955	16.90875	8.97243	0.381124	1	5.882
-36.20551	15.05341	39.21824	157.42360	0.879638	2	11.765
-1.62500	-44.54574	44.57541	267.90942	1.000000	3	17.647
36.82921	8.41945	31.95819	15.27490	0.716947	4	23.529
-10.04611	18.87458	20.67003	119.06590	0.443907	5	29.412
-18.94812	-6.65917	20.87666	199.37117	0.450590	6	35.294
3.94150	-15.32697	15.73533	283.08179	0.353005	7	41.176
11.65546	0.82475	11.60460	4.04755	0.262131	8	47.059
-2.21333	9.04009	9.32730	103.72787	0.209240	9	52.941
-0.07821	-5.55919	10.59109	211.63293	0.237617	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-S1A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-3.43041					0	
37.15781	-42.22040	56.24289	311.35059	1.000000	1	5.882
-2.11178	34.99420	35.13228	95.08159	0.624653	2	11.765
-26.44202	-10.81740	28.54914	202.24940	0.507960	3	17.647
-12.42234	-2.69526	12.71139	192.24164	0.226809	4	23.529
-8.23745	-21.64261	23.17593	249.10000	0.412069	5	29.412
16.11555	0.35000	16.11835	1.24701	0.284402	6	35.294
-3.80004	11.96276	12.55182	107.62285	0.223172	7	41.176
-8.08164	-1.29776	8.89680	188.38751	0.158185	8	47.059
1.33430	-3.32822	3.58572	291.84619	0.063754	9	52.941
0.58905	4.26597	4.30645	82.13820	0.076569	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-S1A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
6.14228					0	
28.00561	19.74168	34.31343	35.12300	0.716812	1	5.882
-35.94823	27.66049	45.04196	142.11311	0.940932	2	11.765
-18.10767	-44.31254	47.86951	247.77333	1.000000	3	17.647
26.73704	-4.47659	27.10922	350.49512	0.566315	4	23.529
2.22260	10.25137	10.38620	83.05678	0.384090	5	29.412
-23.99543	3.98626	23.91658	170.59904	0.499620	6	35.294
-1.60354	-20.67583	20.66827	265.54443	0.431763	7	41.176
18.27875	1.80733	18.36787	5.64683	0.383707	8	47.059
-7.16440	15.71140	17.26878	114.52029	0.360747	9	52.941
-12.37358	-9.52829	15.61587	217.59229	0.326217	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-1.63032					0	
17.42445	-21.04906	27.32533	309.61792	1.000000	1	5.882
-4.65698	15.45393	16.14035	106.77005	0.590674	2	11.765
-10.91714	-7.54112	13.26847	214.63513	0.485574	3	17.647
-5.48998	0.82055	5.55096	171.49928	0.203143	4	23.529
-6.12727	-10.95860	12.55525	240.78917	0.459473	5	29.412
8.04715	-1.67331	8.21932	348.25155	0.300745	6	35.294
-0.21144	6.30365	6.30419	91.92204	0.270709	7	41.176
-5.17510	0.68501	5.22023	172.45979	0.191040	8	47.059
-0.09913	-1.86989	1.87251	268.96533	0.068527	9	52.941
0.09322	1.85951	1.86185	87.13004	0.048136	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.48148					0	
20.14287	10.08813	22.52788	26.60303	1.000000	1	5.882
-9.58153	19.31778	21.56343	116.38123	0.957189	2	11.765
-15.71686	-15.05808	21.76558	223.77515	0.966162	3	17.647
6.79636	-9.18242	11.42398	306.58684	0.507104	4	23.529
8.27604	5.34658	9.86372	32.96129	0.437845	5	29.412
-10.29097	7.58875	12.79289	143.61552	0.567869	6	35.294
-4.19163	-10.29021	11.11118	247.83682	0.493219	7	41.176
9.06449	0.12242	9.96544	0.70386	0.442360	8	47.059
-4.48054	8.89288	9.95784	116.74060	0.442023	9	52.941
-6.18497	-5.24297	8.10818	220.28780	0.359918	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.13025					0	
1.36931	-1.47006	2.15965	309.34888	1.000000	1	5.882
-0.40444	1.20140	1.26764	109.40558	0.586967	2	11.765
-0.83839	-0.62111	1.04340	216.53249	0.485132	3	17.647
-0.42873	0.09084	0.43825	168.03725	0.202924	4	23.529
-0.50978	-0.87241	1.01044	239.70059	0.467871	5	29.412
0.63981	-0.15435	0.65816	346.43652	0.304754	6	35.294
0.08281	0.52496	0.50497	89.68158	0.233819	7	41.176
-0.42035	0.07008	0.42615	170.53447	0.197324	8	47.059
-0.01706	-0.15106	0.15202	263.55640	0.070389	9	52.941
0.00506	0.14447	0.14456	87.99467	0.066936	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 226 TEST COND 39 COMP RUN 8.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.30207					0	
1.66774	0.81169	1.85478	25.95222	1.000000	1	5.882
-0.67202	1.59649	1.73216	112.82816	0.933894	2	11.765
-1.32582	-1.11791	1.73422	220.13695	0.935002	3	17.647
0.46649	-0.80893	0.93380	299.97095	0.503458	4	23.529
0.73908	0.38555	0.83360	27.54918	0.449433	5	29.412
-0.80302	0.66740	1.04416	140.26568	0.562958	6	35.294
-0.37117	-0.81846	0.89869	245.60544	0.484526	7	41.176
0.88234	0.00199	0.80234	0.14192	0.432580	8	47.059
-0.36751	0.71966	0.80807	117.05190	0.435669	9	52.941
-0.49210	-0.42292	0.64886	220.67606	0.349833	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND FITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
 MODEL RM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.78170					0	
1.04780	1.28829	1.66060	129.12224	1.000000	1	5.848
0.14963	-1.13582	1.16563	277.50488	0.689893	2	11.696
0.16056	0.48885	0.51454	71.91773	0.309851	3	17.544
-0.25455	-0.17956	0.31151	215.19844	0.187587	4	23.392
-0.13707	0.01178	0.13757	175.08754	0.082846	5	29.240
0.02163	0.07307	0.07620	73.51222	0.045886	6	35.088
0.04114	0.27628	0.27933	81.53021	0.168211	7	40.936
0.03518	0.24541	0.24792	81.34123	0.149294	8	46.784
0.02020	0.19870	0.21073	70.54224	0.126903	9	52.632
0.09035	0.10292	0.13675	48.72113	0.082469	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
 MODEL RM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.63100					0	
0.82612	-2.20728	2.35682	290.51953	1.000000	1	5.848
-0.07087	1.77288	1.77430	92.28912	0.752837	2	11.696
0.04789	-0.64796	0.64973	274.22705	0.275679	3	17.544
0.42099	-0.01656	0.42132	357.74683	0.178766	4	23.392
0.59363	-0.17323	0.61838	343.73218	0.262381	5	29.240
0.06247	-0.37711	0.38223	279.40552	0.162188	6	35.088
0.04823	-0.47255	0.48294	281.73560	0.204914	7	40.936
-0.02634	-0.50414	0.50483	267.00903	0.214201	8	46.784
-0.07199	-0.35488	0.36211	258.53271	0.153642	9	52.632
-0.10580	-0.38526	0.39952	254.64445	0.169518	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
 MODEL RM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.83669					0	
-5.27319	6.31500	8.22713	129.86278	1.000000	1	5.848
0.78975	-5.56259	5.61837	278.08032	0.684908	2	11.696
0.71318	2.37975	2.44432	73.31709	0.301967	3	17.544
-1.24086	-0.85855	1.48434	215.33827	0.180421	4	23.392
-0.69046	0.03637	0.69142	176.98436	0.084041	5	29.240
0.12534	0.33738	0.35991	69.61923	0.043746	6	35.088
0.16592	1.32519	1.33554	82.66319	0.162333	7	40.936
0.16235	1.16115	1.17245	82.04039	0.142510	8	46.784
0.30956	0.95845	1.00720	72.10056	0.122424	9	52.632
0.40833	0.49844	0.64434	50.67499	0.078319	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
 MODEL RM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
36.04222					0	
3.77834	-10.36498	11.03217	290.02832	1.000000	1	5.848
-0.48885	8.32545	8.53978	93.34049	0.755951	2	11.696
0.13449	-2.99711	3.00013	272.56734	0.271964	3	17.544
1.93437	-0.13083	1.93879	356.13062	0.175739	4	23.392
2.79062	-0.80783	2.90519	343.85522	0.263338	5	29.240
0.29395	-1.79134	1.81530	279.31885	0.164546	6	35.088
0.48918	-2.23897	2.29179	282.32446	0.207737	7	40.936
-0.13161	-2.39245	2.39407	266.85107	0.217189	8	46.784
-0.35005	-1.69583	1.73158	258.33467	0.156957	9	52.632
-0.51823	-1.84123	1.91277	254.28011	0.173381	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND FITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
9.75858					0	
-13.98636	16.02538	21.27042	131.11330	1.000000	1	5.848
2.25233	-14.09391	14.27274	279.07959	0.671014	2	11.696
1.48406	5.96627	6.14807	76.03152	0.289043	3	17.544
-7.91000	-2.08347	3.57895	215.60147	0.158260	4	23.392
-1.83416	-0.00201	1.83416	180.06285	0.086240	5	29.240
0.40342	0.76449	0.86440	62.17963	0.040639	6	35.088
0.26338	3.23453	3.24524	85.34483	0.152570	7	40.936
0.36739	2.76223	2.78656	82.42387	0.131004	8	46.784
0.63314	2.36371	2.44704	75.00449	0.115044	9	52.632
0.88383	1.23823	1.52131	54.48137	0.071522	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
85.44423					0	
8.39296	-24.29836	25.70485	289.05493	1.000000	1	5.848
-1.86474	19.51794	19.60880	95.45752	0.762766	2	11.696
-0.10105	-6.81576	6.81651	249.15039	0.265184	3	17.544
4.33838	-0.55129	4.37326	352.75806	0.170134	4	23.392
6.55553	-1.86801	6.81648	344.09497	0.265183	5	29.240
0.69188	-4.29377	4.34915	279.15356	0.169196	6	35.088
1.27527	-5.33395	5.48427	283.44604	0.213356	7	40.936
-0.34505	-5.72372	5.73411	266.55005	0.223875	8	46.784
-0.87584	-4.11057	4.20283	257.97168	0.163504	9	52.632
-1.31351	-4.46396	4.65320	253.60347	0.181024	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 58
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
24.48811					0	
-40.02614	39.78815	56.43747	135.17085	1.000000	1	5.848
7.81212	-35.20390	36.06613	282.50977	0.639046	2	11.696
1.15267	14.38665	14.43275	85.41916	0.255730	3	17.544
-5.80750	-4.37298	7.26980	218.97932	0.128812	4	23.392
-5.08976	-0.72575	5.14123	188.11507	0.091096	5	29.240
1.74262	1.30191	2.17525	36.74341	0.038543	6	35.088
-0.73061	6.96849	7.00446	95.98372	0.124149	7	40.936
0.59623	5.30684	5.34000	83.61090	0.094618	8	46.784
0.28626	5.39622	5.40380	86.96332	0.095748	9	52.632
0.85629	2.89583	3.61978	73.52719	0.053587	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 58
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
199.98865					0	
10.18176	-44.21494	45.37210	282.96777	1.000000	1	5.848
-9.99226	34.42267	35.84361	106.18709	0.789992	2	11.696
-4.17458	-10.07831	10.90869	247.49991	0.248427	3	17.544
5.84799	-3.28948	6.70967	330.64233	0.147881	4	23.392
11.88026	-2.92502	12.21563	346.14575	0.269232	5	29.240
1.22397	-8.49192	8.57967	278.20166	0.189096	6	35.088
3.58493	-10.35482	10.93192	288.69995	0.249739	7	40.936
-0.86452	-11.28320	11.31627	265.61861	0.249418	8	46.784
-2.07960	-8.58579	8.83485	256.38428	0.194702	9	52.632
-3.28099	-9.37889	9.93621	250.71873	0.218994	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
25.36481					0	
-49.94797	40.44584	64.39629	140.86254	1.000000	1	5.848
11.71242	-35.74601	37.63492	288.13208	0.584427	2	11.696
-3.60125	13.67771	14.13805	104.75786	0.219548	3	17.544
-3.49705	-3.05092	4.64885	221.10225	0.072867	4	23.392
-6.37108	-2.12158	6.71584	198.41788	0.104277	5	29.240
3.05406	0.02095	3.05413	8.39285	0.047458	6	35.088
-3.10984	5.21510	6.07152	120.80177	0.094284	7	40.936
-0.03882	2.67923	2.67931	90.83820	0.041610	8	46.784
-1.97497	4.52553	4.93770	113.57680	0.076677	9	52.632
-1.40847	2.57611	2.93680	118.66748	0.045593	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
73.48930					0	
-7.56915	-15.57118	17.31339	244.87558	0.771292	1	5.848
-19.52335	11.07784	22.44725	150.42879	1.000000	2	11.696
-10.90431	1.51265	11.00873	172.18231	0.408427	3	17.544
-2.54614	-6.44327	7.11448	249.82982	0.318942	4	23.392
4.29591	-0.22461	4.38177	357.08484	0.191839	5	29.240
0.43429	-4.91121	4.93844	275.05322	0.219646	6	35.088
4.10088	-5.41692	6.79412	307.12744	0.302671	7	40.936
-1.02156	-6.35728	6.43883	268.87885	0.286843	8	46.784
-1.94211	-5.98834	6.21459	251.78949	0.276853	9	52.632
-3.33820	-6.49613	7.38365	242.88243	0.325349	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
28.34621					0	
-62.95364	47.19696	78.68189	143.14076	1.000000	1	5.848
14.76491	-36.46296	39.52435	291.93555	0.582334	2	11.696
-18.22262	12.36909	16.04668	129.57254	0.203944	3	17.544
-2.69347	-2.23328	3.49991	219.66365	0.044469	4	23.392
-18.64528	-4.83975	11.69388	204.44835	0.148623	5	29.240
4.18151	-3.43629	5.48133	318.44867	0.069845	6	35.088
-4.83871	4.28262	6.46173	138.46874	0.082125	7	40.936
-1.64385	0.92859	1.80338	159.73839	0.023937	8	46.784
-4.17396	2.81132	5.89244	146.83838	0.063968	9	52.632
-2.61776	2.11326	3.36438	141.08678	0.042759	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
34.47842					0	
-14.24577	15.94411	21.58121	131.78023	0.747783	1	5.848
-28.58518	0.86344	28.59279	178.67839	1.300000	2	11.696
-14.86988	8.32736	17.84276	158.75837	0.596851	3	17.544
-8.10880	-9.21825	12.27531	228.67343	0.429315	4	23.392
-1.31556	-0.76214	1.52037	218.88492	0.053173	5	29.240
0.53860	-3.55472	3.59529	278.61572	0.125741	6	35.088
4.42751	-1.35520	4.63827	342.98120	0.161938	7	40.936
-2.98281	-3.15323	4.28993	227.34781	0.149895	8	46.784
-2.03883	-4.48977	4.93895	245.57898	0.172424	9	52.632
-3.33340	-4.16627	5.33492	231.32814	0.186653	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
21.02428					0	
-49.43367	38.38499	62.58670	142.17085	1.000000	1	5.848
9.94075	-20.82179	23.07303	295.52075	0.368657	2	11.696
-14.17428	5.10583	15.06584	160.19006	0.240719	3	17.544
-2.53280	-1.19083	2.79877	205.18115	0.044718	4	23.392
-12.94090	-6.39330	14.43462	206.29112	0.230824	5	29.240
3.01234	-7.80818	8.36910	291.09619	0.133720	6	35.088
-3.38781	2.46571	4.19010	143.95216	0.066949	7	40.936
-3.21845	-0.08381	3.21954	181.49158	0.051441	8	46.784
-4.11410	-0.74259	4.18418	190.50099	0.066854	9	52.632
-1.38992	0.54917	1.49448	158.44040	0.023878	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
37.91988					0	
-1.93461	40.43401	40.48035	92.74216	1.000000	1	5.848
-23.37804	5.49082	24.01224	166.78137	0.593183	2	11.696
-8.88369	5.41466	10.40377	148.63745	0.257008	3	17.544
-4.20856	-6.56773	9.03777	226.61021	0.223265	4	23.392
-3.40617	-4.39244	5.68313	230.61415	0.140392	5	29.240
1.28545	-3.10851	3.36381	292.46531	0.083097	6	35.088
2.44434	1.67612	2.96381	34.43898	0.073216	7	40.936
-4.90584	-0.93907	4.99491	190.83441	0.123391	8	46.784
-1.42767	-2.67815	3.03492	241.93871	0.074973	9	52.632
-1.82975	-1.01792	2.09383	209.08801	0.051725	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
12.47801					0	
-28.71859	24.49387	37.73920	139.53152	1.000000	1	5.848
4.58295	-6.15891	7.67695	306.65356	0.283421	2	11.696
-13.36372	0.11794	13.36624	179.49437	0.354121	3	17.544
-2.17274	-0.64966	2.26779	196.64498	0.060091	4	23.392
-10.83909	-5.30087	12.06587	206.06100	0.319717	5	29.240
1.75505	-7.92677	8.11874	282.48413	0.215127	6	35.088
-1.40429	1.06335	1.76145	142.86647	0.046674	7	40.936
-2.92961	-0.36611	2.95240	187.12320	0.078232	8	46.784
-2.76061	-2.21175	3.53734	218.70114	0.093731	9	52.632
-0.24999	-0.48184	0.54283	242.57857	0.014384	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
39.62769					0	
6.11853	42.07384	42.51639	81.72577	1.000000	1	5.848
-14.11330	8.90098	16.68564	147.76149	0.392452	2	11.696
-3.21978	1.58743	3.58983	153.75560	0.084434	3	17.544
-2.82642	-3.31928	4.35962	229.58574	0.102540	4	23.392
-3.39986	-5.38157	6.36514	237.72296	0.149710	5	29.240
1.29784	-2.24327	2.59125	300.03613	0.060947	6	35.088
0.73356	2.13973	2.26148	71.07684	0.053202	7	40.936
-4.33929	-0.15887	4.34220	182.03674	0.102138	8	46.784
-0.46203	-1.35655	1.52287	242.97203	0.035818	9	52.632
-0.65222	0.40649	0.76852	148.06697	0.018076	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
11.49231					0	
-22.05204	23.30090	32.08204	133.42374	1.000000	1	5.848
2.48021	1.89865	3.12351	37.43449	0.097360	2	11.696
-16.54193	-1.96493	16.65920	186.77411	0.519237	3	17.544
-2.27618	-0.83376	2.42407	200.11760	0.075550	4	23.392
-10.79938	-4.32710	11.63402	201.83501	0.362633	5	29.240
1.61057	-0.69061	0.83859	280.49902	0.275499	6	35.088
-0.09941	0.25108	0.27004	111.60048	0.008417	7	40.936
-2.05649	-0.63427	2.15208	197.14104	0.067080	8	46.784
-2.09493	-2.46202	3.23269	229.60550	0.168763	9	52.632
-0.09864	-1.35457	1.35816	265.83496	0.042334	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
53.17549					0	
8.28132	51.78781	52.44576	80.91478	1.000000	1	5.848
-11.28598	11.70675	16.25954	133.95634	0.310026	2	11.696
-2.00431	1.11615	2.29414	150.88766	0.043743	3	17.544
-1.98737	-2.46850	3.16989	231.16267	0.068426	4	23.392
-4.11529	-0.53544	7.72319	237.80180	0.147260	5	29.240
1.47912	-1.67249	2.23272	311.48877	0.042572	6	35.088
0.19534	1.85730	1.86734	83.99596	0.035109	7	40.936
-3.29593	-0.32980	3.31239	185.71414	0.063158	8	46.784
-0.24433	-1.17204	1.19723	258.22437	0.022828	9	52.632
-0.28172	0.28297	0.39930	134.87369	0.007614	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
23.34537					0	
-21.11832	41.42529	46.49771	117.01222	1.000000	1	5.848
0.22579	28.07907	28.07997	89.53923	0.603500	2	11.696
-43.37000	-0.66958	43.87982	188.74262	0.963699	3	17.544
-5.14902	-3.43284	6.18844	213.69133	0.133091	4	23.392
-17.97052	-3.15807	18.24588	189.96715	0.392404	5	29.240
4.04699	-15.86017	16.17464	284.48975	0.347859	6	35.088
3.89855	-1.22155	4.08544	342.60229	0.087863	7	40.936
0.97989	-1.72972	1.98799	299.53174	0.042755	8	46.784
-1.29031	2.82046	3.10165	245.41675	0.066706	9	52.632
-0.58786	-4.90794	4.94302	283.1696	0.106307	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
131.31152					0	
12.15587	118.60513	119.22641	84.14813	1.000000	1	5.848
-14.80134	25.78862	29.73436	119.85370	0.249394	2	11.696
-4.26736	2.42782	5.01173	148.37663	0.042035	3	17.544
-1.44232	-3.42055	3.72002	246.85268	0.031201	4	23.392
-9.85953	-12.53326	15.94456	231.80091	0.133750	5	29.240
1.78014	-0.00282	1.78014	359.90918	0.014931	6	35.088
-0.58513	-0.03328	0.58608	183.25142	0.004916	7	40.936
0.35906	-2.57556	2.60047	277.93628	0.021811	8	46.784
1.11277	-2.23828	2.49963	296.43457	0.020945	9	52.632
-0.44944	-2.10260	2.15009	257.93433	0.018034	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
 MODEL HM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
19.98265					0	
5.73022	9.43138	11.03568	58.71835	0.295430	1	5.048
-1.81668	35.49889	35.54935	92.92824	0.051963	2	11.606
-36.96890	-5.35481	37.39449	188.24174	1.000000	3	17.544
-9.73874	-5.34628	7.84456	222.98382	0.210002	4	23.392
-9.13549	-1.54987	9.26926	189.74576	0.248142	5	29.240
4.47413	-6.93700	8.25468	302.82894	0.220901	6	35.088
3.29833	8.76619	3.37791	13.87937	0.000428	7	40.936
1.34259	-8.56765	1.64371	359.79888	0.044803	8	46.784
0.44096	-1.11020	1.19465	291.64889	0.081981	9	52.632
0.93893	-3.64806	3.76696	284.43335	0.100049	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
 MODEL HM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
48.26666					0	
0.07141	68.25879	68.93776	81.43884	1.000000	1	5.048
-4.93501	14.81690	14.73227	107.98845	0.261759	2	11.606
1.87283	-1.70819	2.26798	298.23145	0.037218	3	17.544
4.04862	-0.21104	4.05870	355.96094	0.066604	4	23.392
-5.57847	-5.06266	7.49319	221.80429	0.122965	5	29.240
-1.63577	2.16614	2.71439	127.85849	0.044344	6	35.088
-2.07828	-1.49848	2.55750	215.64899	0.061969	7	40.936
1.21712	-3.11543	3.34474	291.33911	0.054888	8	46.784
1.54826	-2.63309	3.05455	388.45557	0.038124	9	52.632
0.28492	-1.93701	1.95785	278.36768	0.032129	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
 MODEL HM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
24.28887					0	
38.15919	-29.93373	42.49240	319.21404	0.824246	1	5.048
0.78611	51.54494	51.55307	89.11508	1.000000	2	11.606
-48.74391	-3.95430	44.91006	184.83540	0.909953	3	17.544
-12.54872	-9.85230	15.82518	217.58463	0.388969	4	23.392
-9.24181	-9.01622	12.91879	224.29459	0.238437	5	29.240
9.38813	-2.61816	9.66717	344.33545	0.187919	6	35.088
0.76759	7.79482	7.83252	84.37589	0.151931	7	40.936
-3.58836	1.89823	3.99928	194.72878	0.078000	8	46.784
-8.81888	-2.81913	2.61919	289.58838	0.088888	9	52.632
4.89887	-1.36137	5.08374	344.46794	0.098812	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
 MODEL HM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-79.59326					0	
19.40921	8.81953	21.31903	24.43700	1.000000	1	5.048
-8.23379	9.28981	12.35378	131.79750	0.979472	2	11.606
7.88569	-18.13788	19.47203	291.53911	0.613344	3	17.544
17.40347	1.98258	17.58714	6.23890	0.821180	4	23.392
-2.18484	4.45627	5.14338	119.13721	0.241230	5	29.240
-18.81164	3.93225	18.76353	198.45764	0.594879	6	35.088
-3.39884	-3.19596	6.27328	218.62885	0.294257	7	40.936
-1.86455	-3.99345	4.45849	243.81795	0.288850	8	46.784
1.78896	-2.31882	2.87580	308.26172	0.134893	9	52.632
-1.88347	8.99365	1.19277	168.83287	0.054872	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-4.30442					0	
37.70174	-36.66461	52.59006	315.79883	1.000000	1	5.848
10.03291	42.30272	43.47618	76.65765	0.826700	2	11.696
-33.73590	4.20089	33.99643	172.90190	0.646442	3	17.544
-16.11900	-4.14353	16.64304	194.41623	0.316667	4	23.392
-10.45502	-13.52130	17.21495	231.76123	0.327342	5	29.240
12.81279	-2.85918	13.12662	347.44404	0.249603	6	35.088
1.16845	12.05317	12.10968	84.46292	0.230265	7	40.934
-6.65856	3.29356	7.42947	153.66757	0.141271	8	46.784
-0.02836	-2.52101	2.52117	269.35522	0.047940	9	52.632
4.52397	3.30931	5.60516	36.18573	0.106582	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-15.48890					0	
14.61738	5.38223	15.01517	21.00520	0.373485	1	5.848
-33.61038	17.50748	37.89682	152.48523	0.942640	2	11.696
-9.59441	-39.04124	40.20287	256.19287	1.000000	3	17.544
30.11971	-1.46358	30.15523	357.21802	0.750077	4	23.392
-1.93507	18.26440	18.36661	96.04787	0.454848	5	29.240
-20.65344	4.57904	21.15494	167.49924	0.526205	6	35.088
-4.13032	-14.31242	14.89648	253.90274	0.370533	7	40.934
9.73020	-2.61663	10.07589	344.94824	0.250626	8	46.784
0.90461	9.30282	9.34670	84.44594	0.232488	9	52.632
-11.08995	0.48445	11.10053	177.49869	0.276113	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-13.75029					0	
43.76773	-40.81944	59.84860	316.99609	1.000000	1	5.848
5.24808	42.12547	42.45111	82.59848	0.709308	2	11.696
-31.29565	0.98497	31.31114	178.19731	0.523172	3	17.544
-16.57257	1.18789	16.61507	175.90015	0.277618	4	23.392
-17.36865	-15.53436	23.30205	221.80913	0.389350	5	29.240
13.25757	-7.69477	15.32882	329.86865	0.256127	6	35.088
4.97732	11.71431	12.72258	67.03481	0.212581	7	40.934
-6.45517	6.87741	9.43229	133.18610	0.157602	8	46.784
-2.54323	-7.49364	7.94992	210.41971	0.049290	9	52.632
3.28652	2.54942	4.15941	37.80148	0.069499	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
35.10547					0	
36.04985	6.02532	36.56963	9.48346	0.798804	1	5.848
-22.60637	39.80960	45.78047	119.59065	1.000000	2	11.696
-28.56305	-30.47987	41.77164	226.85942	0.912434	3	17.544
16.32756	-12.33956	20.46591	322.91968	0.447045	4	23.392
7.44860	8.52966	11.32417	48.87061	0.247358	5	29.240
-13.61365	12.88306	18.74310	136.57942	0.409613	6	35.088
-12.30077	-13.86007	18.53133	228.41103	0.404787	7	40.934
13.74422	-9.41505	16.65973	325.58813	0.363905	8	46.784
5.69920	16.59123	17.54279	71.04199	0.383194	9	52.632
-19.15370	4.01829	19.57065	188.15163	0.427489	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
 MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-6.63640					0	
21.51875	-20.29442	29.57904	315.67700	1.000000	1	5.848
-1.27374	19.34994	19.39185	93.76619	0.655594	2	11.696
-13.89817	-2.18161	14.04835	188.92096	0.475619	3	17.544
-7.01801	2.27758	7.37833	162.02005	0.249445	4	23.392
-10.46495	-7.31978	12.77084	214.97110	0.431753	5	29.240
5.53953	-5.40131	7.73725	315.72583	0.261579	6	35.088
3.78909	4.53202	5.90732	50.10196	0.199713	7	40.936
-2.47894	4.59454	5.22063	118.34865	0.176497	8	46.784
-2.35966	-0.20008	2.37809	184.82620	0.080390	9	52.632
0.99716	0.20744	1.01851	11.75785	0.034433	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
 MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
25.60786					0	
27.44920	0.45853	27.45302	0.45777	1.007000	1	5.848
-0.78448	26.54453	26.55611	91.69224	0.967329	2	11.696
-19.05238	-6.50548	20.13242	188.85257	0.733341	3	17.544
-1.14684	-10.11181	10.17673	243.52930	0.370693	4	23.392
8.01414	-2.32741	8.43859	341.45889	0.307363	5	29.240
-1.16132	9.57402	9.66420	95.91623	0.351298	6	35.088
-9.59752	-4.18427	10.46994	203.55595	0.381378	7	40.936
6.05900	-7.58090	9.70472	308.63330	0.353503	8	46.784
4.90767	9.12941	10.36491	61.73894	0.377551	9	52.632
-10.85021	3.58922	11.42846	161.69594	0.416291	10	58.480

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
 MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.52900					0	
1.70503	-1.60958	2.34475	316.64941	1.000000	1	5.848
-0.14509	1.51510	1.52203	95.47031	0.649120	2	11.696
-1.08131	-0.20313	1.10023	190.63925	0.449229	3	17.544
-0.54297	0.20150	0.57915	159.53940	0.246998	4	23.392
-0.85215	-0.57652	1.02885	274.08038	0.438788	5	29.240
0.42773	-0.44735	0.61893	313.71582	0.263962	6	35.088
0.31636	0.34490	0.46802	47.47131	0.199604	7	40.936
-0.18840	0.37848	0.42278	116.46341	0.180308	8	46.784
-0.20092	-0.00945	0.20114	187.69309	0.085782	9	52.632
0.07144	0.00468	0.07159	3.75193	0.030534	10	58.480

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
 MODEL XM-51A SHIP 1002C TEST 497 OSC CTR 256 TEST COND 40 COMP RUN 25.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.14438					0	
2.28812	0.00941	2.28814	0.23551	1.000000	1	5.848
0.05589	2.18711	2.19763	88.53518	0.956161	2	11.696
-1.57164	-0.41787	1.62324	194.48944	0.710726	3	17.544
-0.19776	-0.34955	0.87226	256.24600	0.381211	4	23.392
0.68660	-0.28703	0.74118	337.31249	0.325234	5	29.240
-0.02801	0.79684	0.79733	92.01346	0.348462	6	35.088
-0.80196	-0.30220	0.85701	230.44748	0.374545	7	40.936
0.47389	-0.63524	0.79253	306.72314	0.346364	8	46.784
0.4357	0.71663	0.84478	60.64878	0.349202	9	52.632
-0.67811	0.30328	0.92901	160.94606	0.406013	10	58.480

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
C.90636					C	
-0.92572	1.11068	1.44587	129.81018	1.000000	1	5.882
0.25790	-0.87658	0.91373	286.39453	0.631959	2	11.765
-0.00217	0.40201	0.40201	90.30898	0.278042	3	17.647
-0.03811	-0.08718	0.07724	240.43814	0.053420	4	23.529
-0.16492	0.01543	0.16524	174.44359	0.114287	5	29.412
0.01385	-0.06991	0.07127	281.20499	0.049289	6	35.294
-0.04650	0.14217	0.14958	108.11090	0.103452	7	41.176
-0.10352	-0.00351	0.10358	181.93942	0.071636	8	47.059
-0.07340	0.03473	0.08120	154.67973	0.056162	9	52.941
-0.07029	-0.02953	0.07624	202.78934	0.052730	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.40085					C	
-0.51979	0.02371	0.52033	177.38926	0.545884	1	5.882
-0.04343	-0.13601	0.95318	188.20352	1.000000	2	11.765
-0.41892	0.07031	0.42477	170.47258	0.445639	3	17.647
-0.14564	-0.16826	0.22255	229.11762	0.233482	4	23.529
-0.05404	0.18093	0.18820	106.94081	0.197441	5	29.412
0.06716	0.06488	0.09472	44.84887	0.092377	6	35.294
0.00493	-0.09107	0.09120	273.09912	0.095481	7	41.176
-0.01422	-0.04884	0.09069	253.71123	0.053180	8	47.059
-0.07392	-0.10293	0.12672	234.31319	0.132945	9	52.941
-0.05118	-0.10220	0.11430	243.99896	0.119912	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.64192					C	
-4.67454	5.44305	7.17483	136.65628	1.000000	1	5.882
1.28823	-4.26045	4.45095	286.82373	0.620356	2	11.765
-0.07125	1.92770	1.92902	92.11690	0.268059	3	17.647
-0.18026	-0.33270	0.37839	241.55109	0.052739	4	23.529
-0.31821	0.08031	0.82214	174.39427	0.114587	5	29.412
0.04188	-0.34043	0.34601	280.30249	0.048225	6	35.294
-0.24051	0.67075	0.71256	109.72655	0.099314	7	41.176
-0.49868	-0.01362	0.49086	181.59086	0.048415	8	47.059
-0.35819	0.16597	0.39478	155.13895	0.055023	9	52.941
-0.34010	-0.13614	0.36633	201.81635	0.051058	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
6.59926					C	
-2.52170	0.18974	2.52883	175.69650	0.557556	1	5.882
-4.49206	-0.62079	4.53475	187.86830	1.000000	2	11.765
-2.00611	0.35705	2.03764	169.90799	0.449339	3	17.647
-0.67868	-0.79282	1.04363	229.43561	0.238141	4	23.529
-0.26517	0.84464	0.88530	107.42892	0.195226	5	29.412
0.31861	0.31123	0.43971	45.05688	0.094064	6	35.294
-0.01119	-0.41835	0.41858	271.53174	0.092287	7	41.176
-0.07711	-0.21139	0.22502	249.95083	0.049621	8	47.059
-0.35104	-0.47834	0.59332	233.72394	0.138839	9	52.941
-0.25285	-0.46842	0.53230	241.65998	0.117383	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.40944					0	
-12.46619	13.80684	18.50201	132.07892	1.000000	1	5.882
3.37525	-10.65089	11.17290	287.58325	0.600629	2	11.765
-0.44833	4.70275	4.72407	95.44588	0.253955	3	17.647
-0.42861	-0.85918	0.96015	243.48726	0.051615	4	23.529
-2.12825	0.22451	2.14006	173.97815	0.115044	5	29.412
0.13857	-0.85399	0.86392	278.49287	0.044442	6	35.294
-0.66589	1.58688	1.72093	112.76396	0.092513	7	41.176
-1.17131	-0.01884	1.17146	180.92154	0.062975	8	47.059
-0.90187	0.40237	0.98756	155.95596	0.053089	9	52.941
-0.94337	-0.30755	0.89770	200.03549	0.048253	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
15.56699					0	
-6.28359	0.80584	6.33505	172.69196	0.581108	1	5.882
-10.81488	-1.37289	10.90167	187.23476	1.000000	2	11.765
-4.88209	0.96085	4.97574	168.86583	0.456420	3	17.647
-1.56639	-1.87181	2.44814	230.06439	0.223831	4	23.529
-0.65688	1.97661	2.08290	108.38383	0.191862	5	29.412
0.78622	0.71820	1.00726	45.48189	0.092395	6	35.294
-0.02892	-0.93790	0.93835	268.23340	0.086874	7	41.176
-0.22844	-0.41685	0.47534	241.27402	0.043682	8	47.059
-0.84870	-1.09837	1.38330	232.56265	0.126889	9	52.941
-0.85836	-1.04512	1.23095	238.10654	0.112914	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
24.22957					0	
-34.66293	34.15356	49.66890	136.55765	1.000000	1	5.882
9.37749	-25.28854	26.97122	298.34578	0.543028	2	11.765
-3.21618	10.15293	10.69015	187.57689	0.214423	3	17.647
-0.81320	-2.27378	2.41482	230.32877	0.048618	4	23.529
-5.19481	0.78382	5.76325	172.19138	0.116833	5	29.412
0.04817	-2.03722	2.03761	271.12964	0.041824	6	35.294
-2.13994	2.93885	3.62894	126.13481	0.073863	7	41.176
-2.27989	0.09496	2.28187	177.61418	0.045926	8	47.059
-2.28184	0.84286	2.35738	159.07167	0.047462	9	52.941
-1.93643	-0.43899	1.98557	192.77296	0.039976	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 50
 MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
27.67285					0	
-14.91220	4.82927	15.44697	164.87978	0.786986	1	5.882
-21.77688	-1.81523	21.85152	184.76509	1.000000	2	11.765
-10.35318	2.67251	10.74945	164.39832	0.491941	3	17.647
-2.51916	-3.41228	4.24144	233.56293	0.194183	4	23.529
-1.49134	3.52404	3.82662	112.93788	0.175119	5	29.412
1.06134	1.16737	1.57772	47.72399	0.072282	6	35.294
-0.97453	-1.28244	1.40525	245.86755	0.064389	7	41.176
-0.85720	0.06767	0.85852	171.81723	0.039289	8	47.059
-1.48172	-1.72684	2.41842	225.75835	0.118389	9	52.941
-1.78693	-1.38219	2.14494	217.33946	0.098251	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
35.19328					C	
-45.82849	34.77974	57.53156	142.80475	1.000000	1	5.882
11.19006	-23.50546	26.03313	245.45728	0.452502	2	11.765
-7.21685	7.58085	10.46672	133.59093	0.181930	3	17.647
-0.39951	-2.54946	2.57959	261.09033	0.044838	4	23.529
-6.40086	1.12377	6.69584	170.33823	0.116385	5	29.412
-0.37126	-1.93375	1.96906	259.13184	0.034226	6	35.294
-3.61802	1.26790	3.27353	157.21230	0.056900	7	41.176
-1.22734	0.33370	1.27189	164.78969	0.022108	8	47.059
-2.15043	0.58092	2.22751	164.88297	0.038718	9	52.941
-1.68793	0.11723	1.69200	176.02721	0.029410	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
10.40001					C	
-13.40124	8.72264	16.15791	147.32750	1.000000	1	5.882
-13.50563	1.12224	13.55218	175.24980	0.838733	2	11.765
-7.46777	3.78345	8.37151	153.13158	0.518106	3	17.647
-0.23746	-1.37565	1.39600	260.20605	0.086397	4	23.529
-1.28350	1.17507	1.70675	178.76511	0.185629	5	29.412
-0.13567	0.12401	0.18381	137.57047	0.011376	6	35.294
-1.44545	0.53163	1.54011	159.80684	0.095316	7	41.176
-1.36708	1.85053	2.30073	126.45517	0.142390	8	47.059
-0.97973	-0.03765	0.98046	182.20056	0.060680	9	52.941
-1.67905	0.83088	2.05455	156.14592	0.127155	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 89
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
50.03537					C	
-60.58458	41.68105	73.53772	145.47278	1.000000	1	5.882
12.89931	-23.25159	26.59000	299.02026	0.361583	2	11.765
-12.81946	0.07001	14.18392	154.65249	0.192879	3	17.647
-0.31191	-2.43334	2.45325	262.69556	0.033360	4	23.529
-8.1146	0.84658	8.36441	174.19098	0.113743	5	29.412
0.31695	-1.95833	1.98381	279.19336	0.026977	6	35.294
-3.91419	0.78614	3.99236	168.64359	0.054290	7	41.176
-0.55161	0.41820	0.69222	142.83234	0.009613	8	47.059
-1.95108	0.49361	2.01255	165.80252	0.027368	9	52.941
-1.54375	0.53564	1.63403	160.86469	0.022220	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 89
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
13.01936					C	
-9.95324	23.97389	25.95793	112.54686	1.000000	1	5.882
-11.05273	5.22219	12.22433	154.71021	0.470928	2	11.765
-6.15316	4.39426	7.58114	144.46761	0.291284	3	17.647
0.66037	-0.72443	0.98075	312.35107	0.037763	4	23.529
-1.24278	-1.07079	1.44845	220.74881	0.063197	5	29.412
-0.95968	-0.33381	1.01608	199.17943	0.039143	6	35.294
-2.14027	2.09472	2.99477	135.61629	0.115370	7	41.176
-1.67802	2.33967	2.87455	125.51899	0.110739	8	47.059
-0.21934	0.98774	1.01180	102.52031	0.038978	9	52.941
-1.95131	1.41628	2.41112	144.02745	0.092885	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
45.81015					0	
-51.85204	36.06535	63.16124	145.17972	1.000000	1	5.887
8.49995	-13.96418	16.34795	301.32812	0.258829	2	11.765
-14.46166	2.87283	14.74424	168.76439	0.233438	3	17.647
-0.40403	-1.17794	1.24531	251.00805	0.019716	4	23.529
-7.15529	-0.46961	7.17069	183.75502	0.113530	5	29.412
1.85577	-1.37520	2.30982	323.45850	0.036570	6	35.294
-2.97737	1.22223	3.21848	157.48147	0.050957	7	41.176
-0.20010	0.15389	0.25243	142.43747	0.003997	8	47.059
-0.85320	0.34531	0.92043	157.76545	0.014573	9	52.941
-0.89795	0.49639	1.02602	151.06615	0.016244	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
31.42935					0	
-0.07490	38.41766	38.41772	90.11177	1.000000	1	5.882
-19.35427	7.84525	12.99073	142.84943	0.338144	2	11.765
-4.14496	2.67936	4.93555	147.12094	0.128471	3	17.647
-0.29877	-1.26038	1.29530	256.66406	0.033716	4	23.529
-0.93022	-2.23499	2.42085	247.40254	0.063014	5	29.412
-0.95427	-0.07672	0.95735	184.59671	0.024919	6	35.294
-1.56079	2.21445	2.70922	125.17690	0.070520	7	41.176
-1.04488	5.39613	1.11744	159.23766	0.029087	8	47.059
0.57127	0.68027	0.85703	52.53809	0.022308	9	52.941
-1.09015	-0.35818	1.14749	158.18852	0.029869	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
37.52022					0	
-33.24414	24.12709	41.07661	144.07957	1.000000	1	5.882
1.84022	-5.13664	6.41344	306.78223	0.156134	2	11.765
-12.47841	0.16761	12.47954	179.23042	0.303811	3	17.647
-0.30981	-0.77088	0.83081	248.19484	0.020226	4	23.529
-4.88084	-1.10850	5.00513	192.79549	0.121849	5	29.412
2.03698	-0.94039	2.24357	335.21924	0.054619	6	35.294
-1.64422	1.15985	2.03015	145.15846	0.049424	7	41.176
-0.17945	-0.01751	0.18051	185.56540	0.004394	8	47.059
-0.24073	0.13640	0.27668	150.46416	0.006736	9	52.941
-0.44314	0.27607	0.52210	148.07780	0.012710	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
35.07028					0	
4.53328	36.37717	36.65854	82.89647	1.000000	1	5.882
-8.15404	7.14739	10.84313	138.76398	0.295787	2	11.765
-2.57670	1.05218	2.78324	157.78764	0.075923	3	17.647
-0.83257	-1.26924	1.51794	236.73665	0.041408	4	23.529
-0.70382	-1.98207	2.10332	250.45033	0.057376	5	29.412
-0.78107	-0.04137	0.78216	183.03159	0.021336	6	35.294
-0.72080	1.49743	1.66188	115.70427	0.045334	7	41.176
-0.93906	-0.71356	0.89429	232.93085	0.024395	8	47.059
0.57846	0.13433	0.59385	13.07345	0.016200	9	52.941
-0.43618	-1.33381	1.40331	151.89111	0.038281	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
 MODEL NM-51A SHIP 1002C TEST 503 CSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
33.40067					0	
-28.41074	22.49011	36.23499	141.63466	1.000000	1	5.882
1.83670	-0.68422	1.96001	339.56836	0.054092	2	11.765
-15.27401	-2.36138	15.45744	188.78728	0.426589	3	17.647
-0.11516	-1.99809	1.99941	266.69800	0.055175	4	23.529
-5.04922	-1.47405	5.25998	196.27443	0.145163	5	29.412
1.62910	-1.47370	2.19676	317.86719	0.060625	6	35.294
-1.23681	0.92113	1.54214	143.32277	0.042559	7	41.176
-0.68265	0.11169	0.69173	170.70872	0.019090	8	47.059
-0.61974	-0.13086	0.63340	191.92348	0.017480	9	52.941
-0.56679	0.15154	0.58670	165.03094	0.016192	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
 MODEL NM-51A SHIP 1002C TEST 503 CSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
40.01480					0	
4.07430	40.82634	41.12825	83.05324	1.000000	1	5.882
-3.04131	7.55344	1.03254	136.79187	0.268247	2	11.765
-2.81587	0.81361	2.95083	163.95448	0.071747	3	17.647
-1.08719	-0.86230	1.38764	218.41945	0.033739	4	23.529
-1.19740	-1.99649	2.32547	239.15227	0.056542	5	29.412
-1.10124	-0.74169	1.32776	213.95926	0.032283	6	35.294
-0.19647	1.34432	1.35860	98.31477	0.033033	7	41.176
-0.91373	-0.73431	1.17223	218.78677	0.028502	8	47.059
0.21644	-0.39090	0.44585	298.74829	0.010841	9	52.941
-0.19839	-1.65007	1.69748	256.42603	0.041273	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 14C
 MODEL NM-51A SHIP 1002C TEST 503 CSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
70.24824					0	
-36.79196	35.74713	51.29820	135.82523	1.000000	1	5.882
-1.34601	12.70073	12.77186	96.04961	0.249973	2	11.765
-41.09692	-13.89155	43.35249	198.56395	0.845107	3	17.647
0.92695	-11.03194	11.07679	274.80029	0.215929	4	23.529
-10.79989	-3.35152	11.30798	197.74062	0.220436	5	29.412
-0.14156	-5.50427	5.50635	268.42261	0.107340	6	35.294
-1.28444	-0.23733	1.30618	190.46861	0.025462	7	41.176
-1.35359	0.79270	3.44600	146.70094	0.067176	8	47.059
-3.54716	-1.38518	3.80902	201.33086	0.074233	9	52.941
-2.05271	-0.21649	2.06409	184.02039	0.040237	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 14C
 MODEL NM-51A SHIP 1002C TEST 503 CSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
77.08566					0	
3.70859	80.05197	82	87.34729	1.000000	1	5.882
-13.15063	14.42177	14.42177	132.36046	0.243547	2	11.765
-7.73523	1.34827	82	149.92526	0.098064	3	17.647
-1.40735	0.84387	96	149.05247	0.020477	4	23.529
-4.44504	-1.57711	146	210.11128	0.064120	5	29.412
-4.03706	-4.03706	232	229.44582	0.077220	6	35.294
1.32627	1.32627	97639	47.85129	0.024662	7	41.176
-1.62681	0.62681	64430	171.79686	0.045725	8	47.059
-1.75194	-2.51073	1.88776	233.14725	0.034035	9	52.941
-1.42601	-2.64303	3.00319	741.65157	0.037475	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND FITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL XM-91A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.32860					0	
-4.49239	5.45085	7.06352	129.49417	0.189488	1	5.882
-2.24158	19.72739	19.35432	96.48265	0.532617	2	11.765
-34.37384	-14.42252	37.27693	202.76186	1.000000	3	17.647
1.88316	-12.35702	12.49969	278.66479	0.335320	4	23.529
-6.06658	-3.13235	6.82752	207.30858	0.183157	5	29.412
-0.94237	-4.80852	4.89999	258.91162	0.131448	6	35.294
0.24782	-1.53883	1.55865	279.14844	0.041813	7	41.176
-2.22962	0.00651	2.22963	179.83267	0.059813	8	47.059
-2.63088	-2.03627	3.32685	217.73941	0.089247	9	52.941
-0.91830	-0.84000	1.24453	222.45035	0.033396	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL XM-91A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
50.03387					0	
3.29508	32.29955	32.46718	84.17502	1.000000	1	5.882
-4.21268	10.06799	10.91381	112.70560	0.336149	2	11.765
-5.02462	-1.41881	5.22110	195.76811	0.160811	3	17.647
1.49936	0.68891	1.64450	24.74992	0.050682	4	23.529
-2.86986	1.97797	1.8547	145.42451	0.107354	5	29.412
-5.72095	-2.99476	6.45739	207.43078	0.198890	6	35.294
1.02494	-2.79114	2.97338	290.16382	0.091581	7	41.176
-0.51951	0.90968	1.04757	119.73032	0.032265	8	47.059
-1.67885	-0.05356	1.67971	181.82739	0.051735	9	52.941
-2.58568	-1.60048	3.04093	211.75670	0.093662	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL XM-91A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
33.44855					0	
21.93697	-27.33914	35.05223	308.74941	0.772549	1	5.882
0.37773	33.17526	33.17740	89.94761	0.731228	2	11.765
-42.21053	-16.64049	45.37214	201.51564	1.000000	3	17.647
3.07144	-17.43996	17.70834	279.98829	0.390291	4	23.529
-1.84570	-5.07622	5.47135	250.01888	0.119845	5	29.412
1.00642	-3.66011	3.79996	285.37451	0.083663	6	35.294
0.71767	-2.81299	2.98310	384.31750	0.063984	7	41.176
0.89916	-2.59146	2.74302	299.13525	0.060458	8	47.059
0.16884	-2.52892	2.53455	273.81958	0.059861	9	52.941
0.45684	-1.58142	1.64608	286.11279	0.036280	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL XM-91A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
52.79775					0	
14.26289	-7.09996	15.93233	333.53613	1.000000	1	5.882
0.14654	14.13111	14.13088	89.40416	0.886931	2	11.765
-4.32368	-8.08259	9.16637	241.89603	0.973331	3	17.647
6.60689	-2.17124	6.95451	341.88787	0.436503	4	23.529
-0.37194	0.17940	0.16785	92.60364	0.513914	5	29.412
-0.79469	0.35117	0.76100	177.93823	0.612654	6	35.294
0.00616	-0.95963	0.95987	278.42310	0.562370	7	41.176
4.72198	-0.04877	4.72223	399.48820	0.296393	8	47.059
-0.64589	3.55602	3.61420	100.29654	0.226847	9	52.941
-4.19470	-2.58212	4.92573	211.61510	0.309166	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
20.68338					C	
30.30534	-26.32074	40.13969	319.02490	1.000000	1	5.082
2.71693	29.61052	29.73489	84.75745	0.740785	2	11.765
-35.38669	-9.73855	34.70227	195.38710	0.914363	3	17.647
0.95754	-17.21732	17.22633	271.05474	0.429160	4	23.529
3.22170	-3.33443	4.63654	314.01455	0.113511	5	29.412
-0.49166	1.38638	1.47097	109.52444	0.036446	6	35.294
-2.56476	-4.14378	4.87329	238.24404	0.121408	7	41.176
4.29620	-4.73532	6.39379	312.21631	0.159288	8	47.059
3.14693	1.72328	3.58787	28.78749	0.089385	9	52.941
-2.63566	0.14002	2.63937	174.95891	0.065755	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
18.02710					C	
9.37480	-1.51703	9.49675	350.00786	0.606782	1	5.082
-8.32041	13.25610	15.65099	122.11519	1.000000	2	11.765
-9.48449	-10.89482	14.44481	223.95877	0.92. 3	3	17.647
7.25900	-1.50946	7.41506	348.25439	0.472776	4	23.529
-0.31914	4.55128	4.56245	94.01109	0.291512	5	29.412
-3.03516	-2.16593	3.72873	215.51222	0.238242	6	35.294
2.34808	-2.42650	3.39053	314.30200	0.216434	7	41.176
-1.09537	1.45727	1.82304	126.93063	0.116481	8	47.059
-1.83723	-3.05555	3.58536	238.98239	0.227804	9	52.941
2.45151	-2.78237	3.70830	311.38281	0.234757	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
18.47418					C	
34.18614	-35.60971	30.71198	315.39648	1.000000	1	5.082
1.84218	37.26616	32.31870	86.73230	0.637299	2	11.765
-38.32460	-8.90773	39.34618	193.08484	0.775875	3	17.647
-0.64239	-18.40710	18.61818	268.02246	0.367136	4	23.529
3.54557	-4.35654	5.61699	309.14038	0.110762	5	29.412
0.33680	0.91403	0.97411	69.77245	0.019209	6	35.294
-1.61660	-3.60166	3.94782	245.82706	0.077848	7	41.176
2.86567	-2.97696	4.13212	313.90869	0.081482	8	47.059
1.14364	-0.23469	1.16747	348.40283	0.023822	9	52.941
-0.25406	-2.35449	2.36816	283.84131	0.046698	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 105
MODEL XM-51A SHIP 1002C TEST 503 OSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
51.90708					C	
27.71884	17.68695	32.88103	32.54129	1.000000	1	5.082
-8.30545	26.14520	27.43268	107.62334	0.834301	2	11.765
-24.38910	-9.44769	26.15504	201.17503	0.793445	3	17.647
1.45917	-9.60997	9.72012	278.63379	0.295615	4	23.529
5.17905	-2.39200	5.70475	335.20947	0.173497	5	29.412
2.12325	1.11304	2.39730	27.66420	0.072908	6	35.294
-0.24441	1.01080	1.03992	103.59314	0.031627	7	41.176
-2.39709	-2.30083	3.32263	223.82622	0.101050	8	47.059
2.72773	-3.96813	4.81524	304.50488	0.146444	9	52.941
2.54163	1.74041	3.08041	34.40175	0.093683	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND FITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
 MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
7.63253					0	
18.21483	-21.38061	28.07231	310.45508	1.000000	1	5.882
0.18081	15.87075	15.87178	89.34723	0.565389	2	11.765
-18.65709	-4.24101	19.13303	192.80649	0.681562	3	17.647
-0.49704	-8.70625	8.72043	246.73218	0.310642	4	23.529
1.21781	-2.65359	2.92052	294.68726	0.104736	5	29.412
0.86986	-0.43258	0.97148	333.55908	0.034807	6	35.294
0.25004	-1.11043	1.13823	282.68994	0.040546	7	41.176
0.20490	-0.21032	0.29363	314.25155	0.010460	8	47.059
-0.76418	-1.65711	1.82482	245.24321	0.065004	9	52.941
1.57688	-2.50304	2.95834	302.21021	0.105383	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
 MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
43.00296					0	
22.07230	14.29366	26.29628	32.92642	1.000000	1	5.882
-2.13914	17.74110	17.86958	96.87531	0.679548	2	11.765
-17.69044	-3.16512	17.29622	190.61163	0.657744	3	17.647
-2.15551	-8.35617	8.62971	255.53560	0.328172	4	23.529
5.08076	-3.73383	6.30521	323.68799	0.239776	5	29.412
2.43820	2.64185	3.59502	47.29553	0.136712	6	35.294
-1.78090	1.00840	2.04665	150.48125	0.077830	7	41.176
-0.62751	-3.11733	3.17986	258.61841	0.120924	8	47.059
3.46907	-1.06942	3.82174	343.75000	0.145334	9	52.941
0.17013	2.99200	2.95683	86.74541	0.113984	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
 MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
0.98641					0	
1.44886	-1.73602	2.26105	309.84399	1.000000	1	5.882
0.00597	1.25546	1.25649	89.72762	0.555705	2	11.765
-1.47482	-0.33331	1.51201	192.73477	0.668720	3	17.647
-0.04197	-0.68441	0.68569	246.49097	0.303262	4	23.529
0.09101	-0.21593	0.23433	292.85547	0.103636	5	29.412
0.07687	-0.04398	0.08856	330.22363	0.039167	6	35.294
0.03160	-0.08035	0.08634	291.46680	0.038188	7	41.176
0.00238	-0.00208	0.00316	318.89575	0.001397	8	47.059
-0.07590	-0.14880	0.16704	242.97504	0.073878	9	52.941
0.14444	-0.21384	0.25810	304.03174	0.114148	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
 MODEL XM-51A SHIP 1002C TEST 503 CSC CTR 163 TEST COND 46 COMP RUN 56.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.61043					0	
1.84710	1.70174	2.20362	33.04824	1.000000	1	5.882
-0.14814	1.46303	1.47051	95.78192	0.647317	2	11.765
-1.40699	-0.23525	1.42652	189.49200	0.647352	3	17.647
-0.20483	-0.70465	0.73382	253.79128	0.333004	4	23.529
0.43231	-0.32690	0.54199	322.97405	0.245955	5	29.412
0.21087	0.23342	0.31456	47.90482	0.142748	6	35.294
-0.16028	0.08727	0.18250	151.43059	0.082817	7	41.176
-0.04443	-0.27012	0.27375	260.65865	0.124228	8	47.059
0.31792	-0.07558	0.32677	346.62622	0.148288	9	52.941
0.00187	0.26228	0.26229	89.59186	0.119025	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 29
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
1.00227					0	
-1.06534	1.51218	1.84976	125.16490	1.000000	1	5.882
0.20187	-1.38766	1.40227	278.27686	0.758080	2	11.765
0.17603	0.51559	0.54481	71.14908	0.294531	3	17.647
-0.18242	-0.32091	0.36913	240.38318	0.199557	4	23.529
-0.00534	-0.04338	0.04371	262.97632	0.023628	5	29.412
0.10247	0.03345	0.10779	18.08087	0.058271	6	35.294
-0.00545	0.22969	0.22975	91.35864	0.124205	7	41.176
-0.11071	0.16919	0.20220	123.19882	0.109310	8	47.059
-0.11261	0.11990	0.16449	133.20335	0.088925	9	52.941
-0.00544	0.02180	0.08818	165.68347	0.047668	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 29
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.32009					0	
-1.05820	-1.10651	1.53106	226.27846	1.000000	1	5.882
-1.21612	0.11666	1.22170	174.52061	0.797944	2	11.765
-0.43850	0.32012	0.54292	143.86926	0.354607	3	17.647
-0.08873	0.01958	0.09086	167.55486	0.059344	4	23.529
0.04482	0.37959	0.38223	83.26649	0.249648	5	29.412
0.15498	-0.18739	0.24317	309.59180	0.158825	6	35.294
0.00059	-0.12505	0.12505	270.26929	0.081674	7	41.176
0.09432	-0.22007	0.23943	293.19849	0.156388	8	47.059
-0.16898	-0.14042	0.21971	219.72525	0.143503	9	52.941
-0.03487	0.00622	0.03542	169.88896	0.023137	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 36
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
4.92037					0	
-5.37846	7.35223	9.10950	126.18706	1.000000	1	5.882
1.00529	-6.74122	6.81576	278.48169	0.746284	2	11.765
0.75998	2.48218	2.59592	72.97668	0.284968	3	17.647
-0.88702	-1.52815	1.76693	239.86682	0.193966	4	23.529
-0.09410	-0.23414	0.25234	248.10402	0.027781	5	29.412
0.49111	0.15233	0.51419	17.23311	0.056446	6	35.294
-0.07061	1.09226	1.09454	95.69865	0.120154	7	41.176
-0.52399	0.80088	0.95707	123.19530	0.105863	8	47.059
-0.55834	0.57979	0.80492	133.92823	0.088361	9	52.941
-0.41849	0.10798	0.43220	165.53180	0.047445	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 36
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-1.29529					0	
-5.03662	-5.19485	7.23560	225.88597	1.000000	1	5.882
-5.82976	0.51897	5.85281	174.91290	0.888891	2	11.765
-2.11056	1.51628	2.59876	144.30583	0.359183	3	17.647
-0.41466	0.03865	0.41646	174.67516	0.057557	4	23.529
0.24164	1.77201	1.78843	82.22847	0.247171	5	29.412
0.74916	-0.90329	1.17352	309.67114	0.162187	6	35.294
0.02777	-0.60811	0.60875	272.61450	0.084132	7	41.176
0.42731	-1.09036	1.16180	251.56066	0.160567	8	47.059
-0.88751	-0.72094	1.08251	221.75821	0.149609	9	52.941
-0.17471	-0.02435	0.17642	187.93489	0.024382	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 45
 MODEL HN-51A SHIP 1002C TEST 494 OSC CTR 254 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
12.51934					0	
-14.33872	18.39221	23.32106	127.94631	1.000000	1	5.882
2.62083	-16.83836	17.04109	278.84692	0.730717	2	11.765
1.47457	6.09968	6.27539	76.40970	0.269087	3	17.647
-2.21929	-3.68002	4.29741	238.90737	0.184272	4	23.529
-0.53845	-0.68908	0.87449	231.94665	0.037498	5	29.412
1.19789	0.33521	1.24313	15.64321	0.053305	6	35.294
-0.37292	2.62355	2.64992	98.09019	0.113628	7	41.176
-1.24720	1.98678	2.27044	123.18813	0.097699	8	47.059
-1.44497	1.43627	2.03735	135.17299	0.087361	9	52.941
-1.06867	0.27890	1.09672	165.26773	0.047027	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 45
 MODEL HN-51A SHIP 1002C TEST 494 OSC CTR 254 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-2.87902					0	
-12.11716	-12.17204	17.17509	225.12944	1.000000	1	5.882
-14.21415	1.00367	14.25540	175.64327	0.830004	2	11.765
-5.18431	3.61431	6.31983	145.11725	0.467965	3	17.647
-0.96289	-9.15494	0.97527	189.14091	0.456704	4	23.529
0.71146	4.10553	4.18671	80.16855	0.242682	5	29.412
1.85475	-2.22500	2.89667	309.81445	0.168655	6	35.294
0.18820	-1.52190	1.53254	276.75536	0.089230	7	41.176
0.92995	-2.74891	2.90194	228.69043	0.168962	8	47.059
-1.95737	-1.97358	2.77962	225.23618	0.161846	9	52.941
-0.44810	-0.38384	0.55137	213.44012	0.032103	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 58
 MODEL HN-51A SHIP 1002C TEST 494 OSC CTR 254 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
31.22418					0	
-41.64433	43.43155	60.17099	133.79659	1.000000	1	5.882
7.24759	-39.83675	40.49064	280.31104	0.672927	2	11.765
-0.85450	13.72314	13.72325	90.22762	0.228071	3	17.647
-5.26744	-7.44648	9.13752	234.79789	0.151059	4	23.529
-3.75792	-2.38616	4.45149	212.41428	0.073981	5	29.412
2.90311	0.61553	2.57768	13.81536	0.042839	6	35.294
-2.65486	5.29049	5.91926	116.64836	0.090374	7	41.176
-2.32609	3.72406	4.39882	121.98941	0.072972	8	47.059
-3.80964	3.40483	5.13932	130.50067	0.085412	9	52.941
-2.66967	0.78272	2.78205	163.65933	0.046236	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 58
 MODEL HN-51A SHIP 1002C TEST 494 OSC CTR 254 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
5.19123					0	
-24.65304	-22.67767	33.49745	222.60093	1.000000	1	5.882
-30.25180	0.41223	30.25459	179.21928	0.903191	2	11.765
-11.49929	6.99427	13.45933	148.69081	0.401602	3	17.647
-1.50475	-2.64615	3.00040	231.86147	0.091965	4	23.529
2.75050	6.92372	7.45085	60.13612	0.222406	5	29.412
4.19898	-4.91262	6.46235	310.51000	0.192921	6	35.294
1.41959	-3.74223	4.08243	290.77586	0.119485	7	41.176
1.09788	-4.97598	7.87975	270.93994	0.218735	8	47.059
-4.87464	-0.22271	7.45086	236.78311	0.222049	9	52.941
-1.28281	-2.93747	3.28536	246.40083	0.095490	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 73
MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.34433					0	
-52.87590	40.42105	66.55612	142.60387	1.000000	1	5.882
9.41775	-36.79129	37.75832	282.99049	0.567315	2	11.765
-6.77375	11.13496	13.03366	121.31360	0.195824	3	17.647
-4.51702	-4.68231	6.78978	223.59940	0.102016	4	23.529
-8.26355	-3.81083	9.09993	204.75732	0.136726	5	29.412
1.80825	-0.06873	1.86956	357.82300	0.027106	6	35.294
-5.22375	3.20704	6.47392	150.30530	0.097270	7	41.176
-1.12598	1.95077	2.25235	119.99428	0.033841	8	47.059
-4.35506	2.39797	5.28966	145.47507	0.079477	9	52.941
-2.72213	0.84731	2.86309	161.96594	0.043018	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 73
MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
23.32115					0	
-15.35819	-8.43361	17.52130	208.77184	0.780351	1	5.882
-22.23169	-3.14548	22.45309	188.05310	1.000000	2	11.765
-9.21690	1.66842	9.92011	158.29695	0.441815	3	17.647
-0.22269	-6.53007	6.53389	268.04663	0.291007	4	23.529
4.31326	1.26212	4.49413	16.31020	0.200156	5	29.412
3.54479	-4.30413	5.38104	311.91650	0.239657	6	35.294
3.09790	-3.54949	4.71125	311.11353	0.209826	7	41.176
-1.16701	-7.25325	7.34962	261.00562	0.327332	8	47.059
-2.79247	-4.53277	8.97820	251.87538	0.399865	9	52.941
-1.55851	-6.64461	6.82494	256.79956	0.303964	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 88
MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
19.67641					0	
-66.89539	44.15057	80.15149	146.57542	1.000000	1	5.882
8.48787	-36.45777	37.43271	283.10571	0.467024	2	11.765
-13.94898	7.06070	15.63418	153.15237	0.195058	3	17.647
-4.94530	-3.01096	5.83257	211.07983	0.072769	4	23.529
-14.68448	-7.47105	16.47620	206.96490	0.205563	5	29.412
7.09126	-3.98387	4.49940	297.69629	0.056136	6	35.294
-7.63061	1.52350	7.78121	168.70900	0.097581	7	41.176
-1.74072	-0.04926	1.79139	181.57579	0.022350	8	47.059
-5.14196	0.85507	5.21257	170.55847	0.065034	9	52.941
-2.54307	0.49517	2.57359	171.16690	0.032109	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 88
MODEL HM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
36.41603					0	
-7.34622	15.72426	17.53706	114.76505	0.815819	1	5.882
-21.40314	-1.99991	21.49626	145.33556	1.000000	2	11.765
-7.45888	1.80807	7.67489	166.37399	0.357034	3	17.647
-0.75617	-8.34970	4.38387	264.82544	0.396015	4	23.529
1.72648	-3.43737	5.06970	317.31128	0.235841	5	29.412
4.03762	-4.52984	6.06810	311.71191	0.282286	6	35.294
4.18653	-1.27176	4.35630	343.02588	0.202654	7	41.176
-4.79092	-7.11956	8.58143	236.06245	0.399706	8	47.059
-2.27257	-9.92819	10.38944	256.99756	0.474010	9	52.941
-1.84037	-8.74934	9.46096	257.15942	0.393602	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
3.62889					C	
-52.26813	35.07866	62.94814	146.13330	1.000000	1	5.882
3.37742	-22.28217	22.53665	278.61938	0.358019	2	11.765
-15.18576	-1.37698	15.24806	185.18118	0.242232	3	17.647
-3.32501	-1.53367	3.46167	204.76164	0.058170	4	23.529
-15.88649	-9.73480	14.63187	211.49879	0.295988	5	29.412
7.64188	-9.06371	9.44089	286.25024	0.149979	6	35.294
-4.82345	-0.12694	4.82517	191.50752	0.076652	7	41.176
-3.36239	-1.92733	3.87560	209.82146	0.061568	8	47.059
-3.78035	-3.09969	4.88866	219.34997	0.077662	9	52.941
-0.95413	-0.87481	1.29521	227.48656	0.020576	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 103
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
28.00105					C	
1.28540	-1.45064	41.47055	88.22374	1.000000	1	5.882
-18.98259	5.11222	19.65892	164.92722	0.474045	2	11.765
-3.32245	0.40157	3.44260	164.81804	0.083013	3	17.647
-2.75215	-4.08082	4.92213	236.00385	0.118690	4	23.529
-0.69562	-5.04904	5.09673	262.15552	0.122900	5	29.412
3.66402	-4.54648	5.83914	308.86523	0.140802	6	35.294
2.63511	3.18564	4.13426	50.40258	0.099691	7	41.176
-7.14865	-3.48921	7.95473	206.01669	0.191816	8	47.059
-1.72404	-5.84961	6.09838	253.57823	0.147053	9	52.941
-1.47542	-3.89014	4.18053	249.22952	0.100325	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
25.07664					C	
-30.27376	21.74968	37.27664	144.30528	1.000000	1	5.882
-0.22270	-8.54995	8.55285	268.50781	0.229442	2	11.765
-12.52398	-5.40552	13.64074	203.34567	0.365932	3	17.647
-1.67336	-0.79761	1.85373	205.48499	0.049729	4	23.529
-12.19158	-8.27398	14.73408	214.16330	0.395263	5	29.412
2.59973	-9.24269	9.60135	285.70996	0.257570	6	35.294
-1.69298	0.67462	1.82244	201.72649	0.048890	7	41.176
-3.04927	-2.11718	3.71221	214.77316	0.099585	8	47.059
-1.57934	-4.04707	4.50517	243.93761	0.120858	9	52.941
0.19693	-1.15196	1.36627	278.28735	0.036651	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 115
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
17.96631					C	
4.27180	43.65617	43.86467	84.41126	1.000000	1	5.882
-13.63906	8.01119	15.81781	149.57132	0.360605	2	11.765
-0.76284	0.37818	0.85144	153.62984	0.019411	3	17.647
-2.96893	-0.62455	3.03391	191.87959	0.069165	4	23.529
-2.82317	-4.26427	5.11413	236.49333	0.116589	5	29.412
2.43454	-3.51070	4.27123	304.74365	0.077386	6	35.294
1.11222	4.10140	4.24953	74.82729	0.096878	7	41.176
-6.04511	-0.88752	6.10751	188.35229	0.139290	8	47.059
-1.16744	-2.23433	2.52103	242.40880	0.057473	9	52.941
-1.03111	-0.63253	1.20966	211.52666	0.027577	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	C	PHIJC	CJ/CJMAX	J	FREQUENCY
24.32442					0	
-23.54184	19.00632	30.25638	141.08438	1.900000	1	5.882
-1.49641	-1.41338	2.05837	223.36548	0.049051	2	11.765
-14.75849	-7.69308	16.44320	207.53143	0.550073	3	17.647
-0.87519	-0.89580	1.22407	224.35809	0.040457	4	23.529
-11.57042	-7.66588	13.87949	213.52611	0.458729	5	29.412
3.47870	-9.74407	10.34641	289.64697	0.341958	6	35.294
0.39242	-0.79298	0.88477	294.32910	0.029242	7	41.176
-1.76795	-1.84013	2.55181	224.14603	0.084340	8	47.059
-1.09037	-3.79830	3.95170	253.98251	0.130607	9	52.941
0.90813	-1.88632	2.09354	295.70752	0.069193	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 125
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
28.33733					0	
3.77386	51.28983	51.42847	85.79175	1.000000	1	5.882
-12.12153	9.91546	15.66052	140.71616	0.304511	2	11.765
-0.36529	0.81176	0.89655	114.04431	0.017433	3	17.647
-3.18501	0.23605	3.19375	175.76144	0.062101	4	23.529
-3.32239	-4.96515	5.97419	236.21187	0.116165	5	29.412
2.02081	-3.44243	3.99174	300.41406	0.077617	6	35.294
1.02233	3.18542	3.34564	72.20744	0.065054	7	41.176
-5.07999	-0.33303	5.09089	183.75079	0.098990	8	47.059
-1.29221	-1.65601	2.10052	232.03452	0.040843	9	52.941
-1.30441	-0.37799	1.35807	196.16035	0.028407	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
44.53578					0	
-24.77600	26.57936	36.33609	132.98889	0.848955	1	5.882
-4.22693	19.47797	20.42023	101.94647	0.477098	2	11.765
-38.71286	-18.25476	42.80095	205.24586	1.000000	3	17.647
-0.00757	-3.09222	3.09223	269.85962	0.072247	4	23.529
-18.25427	-10.27751	20.94862	209.38033	0.489443	5	29.412
9.92884	-15.37035	18.29834	302.84133	0.427522	6	35.294
6.53946	-0.60825	6.56768	354.68604	0.153447	7	41.176
3.71278	-0.89270	3.81859	346.48047	0.089217	8	47.059
0.78791	-2.51257	2.63321	287.41044	0.061522	9	52.941
3.52462	-4.38714	5.62760	308.77837	0.131483	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 140
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
99.40358					0	
0.63044	103.99137	103.99319	89.65262	1.000000	1	5.882
-16.43491	20.67212	26.40813	128.48570	0.253951	2	11.765
-2.23228	1.65905	2.78128	143.37991	0.026745	3	17.647
-3.44735	0.27536	3.45833	175.43309	0.033255	4	23.529
-5.57659	-11.09030	11.99749	247.57574	0.115368	5	29.412
1.14129	-5.64499	5.77881	281.39043	0.055549	6	35.294
2.60701	-2.52582	3.62991	315.90601	0.034905	7	41.176
-3.05146	-1.51688	3.40769	208.43192	0.032768	8	47.059
-3.00107	-3.84164	4.87489	232.00319	0.046877	9	52.941
-4.20764	-3.68493	5.59312	221.21089	0.053783	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 256 TEST COND 50 CUPP RUN 10.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
26.71735					0	
3.84854	-0.87394	3.94652	347.20541	0.102285	1	5.882
-5.48844	30.84880	31.40576	100.80670	0.813944	2	11.765
-34.74216	-16.78357	14.58374	205.78468	1.000000	3	17.647
-0.94861	-4.71506	4.80953	258.62451	0.124652	4	23.529
-9.26029	-5.44744	10.75199	212.27082	0.243850	5	29.412
7.12516	-5.11793	8.77275	324.31055	0.227369	6	35.294
3.45718	0.57942	3.50524	9.49811	0.090847	7	41.176
4.54703	0.34757	4.56028	4.37027	0.118152	8	47.059
1.85433	1.04262	2.12735	29.34734	0.055136	9	52.941
3.14764	-1.55631	3.51137	333.49043	0.091007	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 157
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 256 TEST COND 50 CUPP RUN 10.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
25.56729					0	
4.33401	37.85419	38.38045	40.50087	1.000000	1	5.882
-2.58009	15.27609	15.56404	101.03882	0.405570	2	11.765
-1.71357	-3.45717	4.31225	246.59552	0.112355	3	17.647
2.82954	1.63750	1.26920	30.05861	0.085179	4	23.529
-3.40454	-6.37279	7.27541	241.88745	0.186258	5	29.412
-3.14179	-2.46287	3.99207	218.09309	0.104013	6	35.294
-0.46162	-6.40773	6.42433	245.87939	0.167386	7	41.176
1.31245	-2.64581	2.95362	296.39067	0.076956	8	47.059
-1.08114	-1.43167	1.80001	232.68977	0.046899	9	52.941
-3.27755	-2.15484	3.42246	213.32314	0.102199	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 256 TEST COND 50 CUPP RUN 10.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
27.71921					0	
26.77766	-33.76875	44.36757	310.43750	0.839839	1	5.882
-10.74827	48.77779	49.46794	102.42671	0.945470	2	11.765
-46.96104	-24.15771	52.82868	207.26077	1.000000	3	17.647
-6.77137	-9.27540	11.48442	233.87039	0.217390	4	23.529
-4.82155	-12.78484	15.72832	221.35812	0.297773	5	29.412
7.03435	0.24679	7.04266	2.00400	0.133311	6	35.294
-4.72098	2.88899	5.53479	148.53561	0.104769	7	41.176
-0.41464	-1.07234	1.15841	247.85568	0.021924	8	47.059
1.79227	0.23167	1.80718	7.38517	0.034208	9	52.941
3.21354	2.41670	4.02097	36.94846	0.076110	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 172
MODEL XM-51A SHIP 1002C TEST 494 CSC CTR 256 TEST COND 50 CUPP RUN 10.0

AJ	HJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-101.82155					0	
28.17485	-23.20447	36.46167	320.47555	1.000000	1	5.882
-2.18533	20.81431	20.43367	95.99273	0.574128	2	11.765
-1.64733	-22.24714	22.31673	265.25146	0.612060	3	17.647
15.14434	5.59013	16.14687	20.25534	0.442345	4	23.529
-7.39335	0.36644	7.40245	177.15871	0.203020	5	29.412
-11.19510	-0.79341	11.22322	184.05638	0.307809	6	35.294
-6.06325	-4.05703	10.08358	233.03699	0.276553	7	41.176
1.94508	-4.75379	5.13632	292.25269	0.140869	8	47.059
1.38733	3.68261	3.92852	69.69873	0.107689	9	52.941
-3.94828	1.95927	4.40724	153.61951	0.127873	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND PITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPA" STATION 185
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 9C COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.12599					0	
31.04393	-35.47913	47.14293	311.18504	1.000000	1	5.882
-0.42762	37.08832	37.09071	90.65289	0.786771	2	11.765
-33.12909	-6.53293	34.21033	194.44351	0.725672	3	17.647
-11.81048	-6.97919	13.71065	210.57974	0.291001	4	23.529
-8.46010	-16.06310	18.15477	242.22500	0.385101	5	29.412
10.78807	-0.17620	10.78951	359.86421	0.228868	6	35.294
-4.15868	7.33890	8.43529	119.53868	0.178930	7	41.176
-1.22138	-1.12693	5.33379	192.19740	0.113141	8	47.059
1.69462	-1.64438	2.36130	315.86182	0.090888	9	52.941
1.48009	1.67161	3.95071	68.04478	0.083972	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 185
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 9C COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-25.21188					0	
14.01234	-1.43671	14.00982	354.14575	0.342243	1	5.882
-32.50604	17.33258	36.83830	151.93298	0.895111	2	11.765
-7.54180	-40.45808	41.15580	259.44043	1.000000	3	17.647
27.35129	3.50225	27.57458	7.29685	0.670018	4	23.529
-5.46216	14.95552	15.92177	110.04363	0.306873	5	29.412
-16.90182	0.00290	16.90181	179.99016	0.410687	6	35.294
-2.91318	-11.46618	11.83046	255.74460	0.287461	7	41.176
7.23618	-2.22939	7.37182	342.87644	0.183983	8	47.059
0.53304	7.75460	7.77290	84.86754	0.188869	9	52.941
-7.42389	-0.60461	7.44762	184.65651	0.189965	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 9C COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-2.92328					0	
31.38957	-43.36964	53.93719	305.89575	1.000000	1	5.882
-2.19642	33.60706	33.67874	93.73936	0.429872	2	11.765
-30.05264	-9.68086	31.57339	197.85530	0.589747	3	17.647
-13.73214	-3.58249	14.19175	194.62160	0.265082	4	23.529
-12.93602	-20.82664	24.51712	238.15435	0.457946	5	29.412
16.14580	-4.47978	16.75574	344.49292	0.312974	6	35.294
0.17784	12.00311	12.00442	89.15204	0.224224	7	41.176
-7.33447	3.01799	7.93112	157.63377	0.148142	8	47.059
-1.13528	-1.46117	1.85037	232.35388	0.094562	9	52.941
0.32572	3.45175	3.46708	84.68931	0.064760	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 195
MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 9C COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
30.25787					0	
26.37395	26.09116	37.09895	44.69116	0.741522	1	5.882
-37.44416	29.58371	47.73634	141.70349	0.954134	2	11.765
-23.41229	-44.21491	50.03084	242.89416	1.000000	3	17.647
27.33159	-9.43629	28.91467	340.95264	0.577937	4	23.529
8.73543	17.78687	19.31615	63.84352	0.396079	5	29.412
-20.39176	13.26781	24.32616	146.95016	0.486263	6	35.294
-9.35320	-17.67023	19.99297	242.10660	0.399613	7	41.176
16.89436	-4.04403	17.94295	340.31494	0.358638	8	47.059
3.43792	16.35684	16.71011	78.19730	0.333996	9	52.941
-12.28720	2.51673	12.54230	188.42450	0.250691	10	58.824

HARMONIC COMPONENTS OF AIRLOADS AND FITCHING MOMENTS

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 204
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-1.35367					0	
14.17350	-23.52174	27.46198	301.77178	1.000000	1	5.882
-3.38696	14.55103	14.94001	103.10318	0.544025	2	11.765
-13.29818	-6.98867	15.02275	207.72351	0.547038	3	17.647
-6.35477	-0.79239	6.36149	182.63440	0.231647	4	23.529
-7.86984	-10.95269	13.48687	234.30157	0.491111	5	29.412
8.93394	-3.72369	9.67890	337.37329	0.357447	6	35.294
1.74681	6.90770	7.12514	75.80858	0.259455	7	41.176
-3.81001	3.28001	5.02739	139.27507	0.183067	8	47.059
-1.41210	-0.33819	1.94178	140.03023	0.070708	9	52.941
-0.23335	1.37650	1.39614	99.62158	0.050839	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 204
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
24.00443					0	
20.23088	18.78166	27.60504	42.87257	1.000000	1	5.882
-14.19813	19.25211	23.92133	126.40822	0.866556	2	11.765
-17.06429	-18.92628	25.48320	227.96158	0.923136	3	17.647
10.43137	-17.01632	14.46167	316.16284	0.523878	4	23.529
10.37617	1.33018	12.70419	35.23904	0.460213	5	29.412
-9.93431	12.23591	15.76096	129.07307	0.570945	6	35.294
-7.86199	-10.10984	12.80702	232.12492	0.463936	7	41.176
11.25643	-4.87984	12.28888	336.56250	0.444436	8	47.059
3.12472	10.92270	11.36086	74.03542	0.411550	9	52.941
-7.16165	3.19110	7.84043	155.98314	0.284021	10	58.824

HARMONIC ANALYSIS OF LIFT AT MEAN SPAN STATION 209
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
-0.10920					0	
1.10730	-1.88921	2.18894	300.38867	1.000000	1	5.882
-0.29372	1.12713	1.16477	104.60587	0.532116	2	11.765
-1.03363	-0.57726	1.18390	209.18233	0.540853	3	17.647
-0.49931	-0.00526	0.49934	180.60399	0.228120	4	23.529
-0.64114	-0.87649	1.08596	233.81503	0.496111	5	29.412
0.72026	0.31335	0.78547	336.48877	0.358836	6	35.294
0.15855	7.55977	0.58180	74.18556	0.265788	7	41.176
-0.30472	3.26116	0.41461	137.30276	0.189411	8	47.059
-0.16746	-0.02254	0.16897	187.66425	0.077193	9	52.941
-0.02338	0.10526	0.10782	102.52535	0.049259	10	58.824

HARMONIC ANALYSIS OF PITCHING MOMENT AT MEAN SPAN STATION 209
 MODEL XM-51A SHIP 1002C TEST 494 OSC CTR 256 TEST COND 50 COMP RUN 10.0

AJ	BJ	CJ	PHIJC	CJ/CJMAX	J	FREQUENCY
2.02891					0	
1.68525	1.56530	2.30005	42.88654	1.000000	1	5.882
-1.08000	1.58018	1.91399	124.35118	0.812152	2	11.765
-1.41848	-1.46835	2.04160	225.98964	0.887635	3	17.647
0.79236	-0.45759	1.16760	312.73584	0.567641	4	23.529
0.89439	0.56402	1.05844	32.32788	0.440184	5	29.412
-0.78656	1.03691	1.30148	127.18239	0.565851	6	35.294
-0.66063	-0.81834	1.05172	231.08694	0.457260	7	41.176
0.52753	-0.40866	1.01357	336.22192	0.440673	8	47.059
0.26435	0.89979	0.93782	73.62773	0.407737	9	52.941
-0.58119	0.27524	0.64307	154.65924	0.279591	10	58.824

APPENDIX IX

HARMONIC COMPONENTS OF STRUCTURAL LOADS

Harmonic components of all structural loads, flapwise and chordwise bending moments, torsion, and pitch link load are presented in this appendix for the 20 selected test conditions.

The following abbreviations are used:

F	test number
CIR	counter number
CR	computer run
TR	trace number
FL.BEND.	flapwise bending moment at station
CH.BEND.	chordwise bending moment at station
TORSION	torsion moment at station

The symbols used are:

A0	static component
AJ	cosine term of jth harmonic
BJ	sine term of jth harmonic
CJ	resultant of jth harmonic
PHIJC	phase angle
PHIJC	PHIJC/j, azimuth position of first maximum

The definition formulas for the Fourier Series of $Y = f(X)$ are

$$Y = A_0 + \sum_{J=1}^{\infty} A_J \cos JX + \sum_{J=1}^{\infty} B_J \sin JX$$

or in complex form

$$Y = A_0 + \sum_{J=1}^{\infty} C_J \cos (JX - \text{PHIJC})$$

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 1

HARMONIC ANALYSIS MODEL HP-51A SHIP 1002C T 502 CTR 53R CR 53.1 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1340407E C3	-0.4227777E 04	0.7541705E 04	304.602	304.602	1.000000	1	5.002
0.4282744E 04	-0.4197024E 03	0.9021000E 03	103.292	191.044	0.046577	2	11.765
0.2736111E 03	0.6970144E 01	0.8220477E 03	57.895	19.298	0.109105	3	17.647
0.4373208E 03	0.3372749E 03	0.3370010E 03	86.571	21.443	0.044801	4	23.529
0.2021094E 02	-0.2493091E 03	0.2506189E 03	264.096	52.819	0.033233	5	29.412
-0.2577064E 02	0.1510575E 02	0.3090421E 02	157.025	26.171	0.003158	6	35.294
-0.3581802E 02	-0.5196614E 01	0.2793351E 02	349.284	49.898	0.071706	7	41.176
0.2746257E 02	0.1930485E 02	0.7664171E 02	165.341	20.448	0.010162	8	47.059
-0.7414713E 02	-0.2930313E 02	0.3315344E 02	297.591	33.066	0.074396	9	52.941
0.1335325E 02	-0.2182704E 02	0.2992422E 02	226.823	22.462	0.003968	10	58.824

HARMONIC ANALYSIS MODEL HP-51A SHIP 1002C T 502 CTR 53R CR 53.1 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.3270947E 04	-0.1652237E 04	0.2506024E 04	318.753	318.753	1.000000	1	5.002
0.1804217E 04	-0.6407202E 02	0.7091294E 02	293.635	146.814	0.078257	2	11.765
0.2839000E 02	-0.3182960E 02	0.3200634E 02	263.977	87.952	0.012772	3	17.647
-0.3358506E 01	-0.7260023E 02	0.7260100E 02	272.749	60.187	0.079007	4	23.529
0.3406455E 01	0.1765039E 03	0.1919577E 03	66.913	13.303	0.074900	5	29.412
0.7527213E 02	-0.2402414E 02	0.4237430E 02	214.538	35.756	0.016909	6	35.294
-0.3490591E 02	-0.2515504E 02	0.5182463E 02	209.039	25.843	0.070600	7	41.176
-0.4530970E 02	-0.2790035E 01	0.1199970E 02	350.121	43.765	0.004788	8	47.059
0.1182170E 00	0.1340094E 02	0.2740708E 02	143.259	15.918	0.000939	9	52.941
-0.1793104E 02	0.1026247E 02	0.2720955E 02	76.610	3.661	0.010802	10	58.824

HARMONIC ANALYSIS MODEL HP-51A SHIP 1002C T 502 CTR 53R CR 53.1 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1618104E 04	-0.4444760E 03	0.5683472E 03	308.553	308.553	1.000000	1	5.002
0.3942646E 03	-0.7365213E 01	0.9951640E 02	191.362	90.641	0.175099	2	11.765
-0.9904039E 02	-0.1260930E 03	0.1364397E 03	248.445	42.815	0.240057	3	17.647
-0.5012659E 02	-0.7330921E 02	0.7354739E 02	258.271	64.068	0.132925	4	23.529
-0.1792074E 02	0.7044211E 02	0.7361905E 02	73.122	14.624	0.129521	5	29.412
0.2137290E 02	-0.1667827E 02	0.2374700E 02	224.597	37.433	0.041773	6	35.294
-0.1690610E 02	0.9074104E 01	0.2712632E 02	154.036	22.005	0.036448	7	41.176
-0.1863417E 02	0.2318570E 02	0.2329279E 02	95.497	11.937	0.040003	8	47.059
-0.2231187E 01	0.6471327E 01	0.2287109E 02	168.726	18.747	0.040241	9	52.941
-0.7242974E 02	0.5117194E 01	0.8675951E 01	36.139	3.614	0.013267	10	58.824

HARMONIC ANALYSIS MODEL HP-51A SHIP 1002C T 502 CTR 53R CR 53.1 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1061443E 03	-0.2195782E 03	0.2929932E 03	228.541	228.541	1.000000	1	5.002
-0.1939000E 03	0.4330799E 02	0.1639672E 03	164.685	82.341	0.559620	2	11.765
-0.1501445E 03	-0.1579330E 03	0.1902030E 03	236.134	78.711	0.049175	3	17.647
-0.1099977E 03	0.5591430E 01	0.1065710E 02	149.606	37.157	0.036373	4	23.529
-0.9096999E 01	-0.3830719E 02	0.4736963E 02	233.968	46.756	0.161675	5	29.412
0.2706470E 01	0.2194679E 02	0.2274554E 02	84.573	14.056	0.075243	6	35.294
0.1544000E 02	0.1904637E 02	0.2220042E 02	45.913	6.559	0.075772	7	41.176
-0.4041650E 01	0.2152400E 01	0.5298714E 01	156.033	19.504	0.018005	8	47.059
0.1814747E 01	-0.3447816E 01	0.1931090E 01	247.489	33.054	0.013414	9	52.941
0.6931020E 01	0.1305440E 00	0.132079E 01	1.145	0.114	0.023663	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 1

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 53A CR 53.1 TR 10 FL. BEND 160

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1337788E C3						1	5.882
-0.4633064E C3	-0.2525839E C3	0.5276248E C3	208.598	208.598	1.000000	2	11.765
-0.1594884E C3	0.4410332E C1	0.1995493E C3	178.416	89.208	0.302357	3	17.647
-0.1580896E C3	-0.1307840E C3	0.2036379E C3	219.959	73.320	0.385908	4	23.529
-0.1256051E C7	0.5070701E C2	0.5223953E C2	103.913	25.978	0.098998	5	29.412
-0.4824049E C2	-0.6918137E C2	0.8433980E C2	225.112	47.022	0.159830	6	35.294
-0.4989420E C0	0.7725403E C1	0.7741496E C1	92.695	15.616	0.014671	7	41.176
0.4171427E C1	-0.1389560E C2	0.1450822E C2	286.709	40.958	0.027494	8	47.059
0.2477217E C2	-0.7340576E C1	0.2583687E C2	343.494	47.937	0.048963	9	52.941
0.4830190E C1	-0.1173789E C7	0.1269294E C2	292.368	32.495	0.024054	10	58.824
0.9184449E C1	-0.5855713E C1	0.1087590E C2	327.423	32.742	0.020610		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 53B CR 53.1 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2043979E C3						1	5.882
-0.6860068E C3	-0.2844736E C3	0.7428509E C3	202.523	202.523	1.000000	2	11.765
-0.2030400E C3	0.3103387E C2	0.2053980E C3	171.310	85.655	0.276574	3	17.647
-0.1363105E C3	-0.8506667E C2	0.1606764E C3	711.967	70.656	0.216355	4	23.529
0.5999842E C0	0.7197444E C2	0.7197689E C2	89.526	22.382	0.096919	5	29.412
-0.4270344E C2	-0.1055603E C3	0.1138708E C2	247.975	49.995	0.153330	6	35.294
0.3019883E C1	-0.9573689E C1	0.1003869E C2	287.507	47.918	0.013517	7	41.176
-0.7179570E C2	-0.3763158E C7	0.4348753E C2	239.922	34.275	0.098957	8	47.059
0.26898428E C7	0.3704453E C1	0.2713029E C2	7.846	0.961	0.036562	9	52.941
0.7033352E C0	0.7563876E C1	0.7996905E C1	84.687	9.410	0.010229	10	58.824
-0.6551175E C0	0.2966787E C1	0.2940687E C1	102.872	10.287	0.009960		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 53B CR 53.1 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.8164545E C3						1	5.882
-0.7224951E C3	-0.2515685E C3	0.7850396E C3	199.198	199.198	1.000000	2	11.765
-0.2254424E C3	-0.1493613E C2	0.2259366E C3	183.790	91.895	0.295327	3	17.647
-0.1342717E C3	-0.4926871E C2	0.1449047E C3	199.877	68.626	0.189408	4	23.529
0.4310425E C1	0.9523296E C2	0.9533043E C2	87.408	21.852	0.124688	5	29.412
-0.1507176E C2	-0.8475378E C2	0.8608440E C2	259.913	51.983	0.112523	6	35.294
0.1134982E C2	-0.2825967E C2	0.3045369E C2	291.882	48.647	0.039807	7	41.176
-0.3932590E C1	-0.5273541E C2	0.5238322E C2	265.694	37.996	0.068471	8	47.059
0.3114931E C7	0.1326889E C7	0.3386552E C2	23.104	2.888	0.044246	9	52.941
-0.9482577E C1	-0.9342522E C1	0.1331172E C2	224.574	24.953	0.017400	10	58.824
0.3716091E C1	-0.8613888E C7	0.3814614E C1	346.949	34.695	0.004988		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 53B CR 53.1 TR 14 FL. BEND 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.8649195E C3						1	5.882
-0.5572903E C3	-0.1899500E C3	0.5887727E C3	198.821	198.821	1.000000	2	11.765
-0.1706813E C3	-0.3297281E C2	0.1738349E C3	190.934	95.467	0.295256	3	17.647
-0.1151382E C3	-0.7654785E C1	0.1153974E C3	183.804	61.268	0.195988	4	23.529
-0.4567106E C0	0.8805371E C2	0.8805487E C2	90.297	22.574	0.149557	5	29.412
-0.5317253E C1	-0.6052284E C2	0.6088626E C2	264.990	52.998	0.103429	6	35.294
0.7221039E C2	-0.3899097E C2	0.4754678E C2	304.910	90.818	0.080756	7	41.176
-0.7190637E C2	-0.4564545E C2	0.5062997E C2	244.362	34.909	0.085992	8	47.059
0.2181924E C7	0.7458889E C1	0.2305893E C2	18.873	2.359	0.039164	9	52.941
-0.1547508E C2	0.2802110E C1	0.1572672E C2	169.737	18.860	0.026711	10	58.824
-0.7790796E C0	0.1718146E C1	0.3798891E C1	101.834	10.183	0.004452		

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 1

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 502 CTR 53H CR 53.1 TR 1 CM. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2369904E 05							
C.2C33261C 05	-0.2274531E 04	0.2045943E 05	353.617	253.617	1.CCCCCC	1	5.882
0.1415737E 04	0.5041980E 03	0.1502839E 04	19.603	9.801	0.073455	2	11.765
0.1102861E 04	0.9877986E 03	0.1480557E 04	41.850	13.55C	0.072365	3	17.647
0.1C72549E 03	0.6391275E 02	0.1248531E 03	30.790	7.697	0.0C6103	4	23.529
-0.7808994E 01	-0.6016335E 03	0.6016841E 03	269.256	53.851	0.C29409	5	29.412
-0.2509766E 02	0.8904080E 00	0.251 343E 02	177.968	29.661	0.001227	6	35.294
0.1265251E 03	-0.9750098E 02	0.1597342E 03	322.382	46.C55	0.007807	7	41.176
-0.2240498E 03	-0.8144661E 02	0.2383943E 03	199.977	24.997	0.011652	8	47.059
0.1365116E 03	-0.1823697E 02	0.1377246E 03	352.391	39.155	C.CC6732	9	52.941
-0.7334493E 02	-0.7164713E 03	0.2304559E 03	251.441	25.144	C.011264	10	58.824

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 502 CTR 53H CR 53.1 TR 5 CM. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2112496E 05							
0.1170935E 05	-0.3831162E 03	0.1171561E 05	358.126	358.126	1.000000	1	5.882
0.6881994E 03	0.399C591E 03	0.7957019E 03	30.100	15.05C	0.C67918	2	11.765
0.5239050E 03	0.9276050E 03	0.1065329E 04	60.542	20.181	0.C9C932	3	17.647
-0.6423523E 02	-0.2239992E 03	0.233C275E 03	253.999	63.500	0.C19890	4	23.529
0.3718945E 02	-0.4017715E 03	0.4034888E 03	275.288	55.058	0.034440	5	29.412
0.9782280E 02	0.3770449E 03	0.3895278E 03	75.455	12.576	0.033245	6	35.294
0.1121001E 03	0.179C376E 01	0.2112366E 03	57.948	8.278	0.018C3C	7	41.176
-C.9C16499E 02	0.5409450C 02	0.9671068E 02	145.990	18.249	0.CC8255	8	47.059
-0.4467543E 02	-0.5383842E 02	0.6992856E 02	230.345	25.554	C.009869	9	52.941
0.32032C0E 02	-0.2004893E 02	0.3778899E 02	327.957	32.796	0.005226	10	58.824

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 502 CTR 53H CR 53.1 TR 8 CM. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.6207859E 04							
0.5131164E 04	-0.4764282E 03	0.5153047E 04	354.717	354.717	1.00000C	1	5.882
0.4148311E 03	0.7029860E 02	0.4207451E 03	9.618	4.8C9	0.08165C	2	11.765
0.3988390E 03	0.4953275E 03	0.6281807E 03	50.586	16.862	0.121905	3	17.647
-0.7882741E 02	-0.1433219E 03	0.1635693E 03	241.189	60.257	0.031742	4	23.529
-0.84562C6E 02	-0.1274754E 03	0.1529729E 03	236.441	47.288	0.029686	5	29.412
0.4309613E 02	0.4746719E 03	0.4766240E 03	84.812	14.135	0.092494	6	35.294
0.1497514E 03	0.8636751E 02	0.1728723E 03	29.974	4.782	C.C33548	7	41.176
0.5746504E 02	-0.786C324E 02	0.9736888E 02	3C6.170	38.271	0.018895	8	47.059
-0.597389C9 01	0.1155388E 03	0.1136958E 03	93.012	10.335	0.022064	9	52.941
0.3892719E 02	0.1534744E 02	0.4184339E 02	21.517	2.152	0.0C812C	10	58.824

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 502 CTR 53H CR 53.1 TR 12 CM. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4798398E 04							
0.2274811E 04	0.2488150E 02	0.2274949E 04	0.641	0.641	1.CCCCCC	1	5.882
0.1108611E 03	-0.4241937E 02	0.1186995E 03	339.061	149.531	C.C53349	2	11.765
0.2654519E 03	0.9984607E 02	0.2816086E 03	2C.613	6.871	0.127467	3	17.647
-0.6857291E 02	-0.1163169E 03	0.1350254E 03	239.479	59.87C	0.060687	4	23.529
-0.1C00907E 02	-0.8362292E 02	0.1304259E 03	219.878	43.976	0.058220	5	29.412
0.1519225E 02	0.2569883E 03	0.2574368E 03	86.617	14.436	0.115705	6	35.294
0.1242107E 03	0.1108689E 03	0.1644938E 03	41.752	5.965	0.074830	7	41.176
0.5738C42E 02	-0.9451162E 02	0.1105666E 03	301.263	37.658	0.049694	8	47.059
0.4968626E 02	0.691813C 02	0.8517496E 02	54.314	6.035	0.038282	9	52.941
0.5440802E 02	0.2037616C 02	0.5809836E 02	20.531	2.053	0.026112	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 1

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 530 CR 53.1 TR 9 TORSION 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.213440E C3							
0.1924232E 02	0.4560849E 02	0.4990153E 02	67.125	67.125	1.000000	1	5.882
-0.1741827E 02	0.1456032E 00	0.1741807E 02	179.521	89.761	0.351005	2	11.765
-0.4930002E 01	-0.2054696E 02	0.2113010E 02	256.507	45.507	0.426057	3	17.647
0.5192574E C1	0.4705404E 01	0.4604845E 01	51.194	12.750	0.173030	4	23.529
-0.1477208E 00	-0.3492453E 02	0.3492484E 02	269.758	51.952	0.705530	5	29.412
0.1173508E 01	0.271404E 02	0.1276888E 02	84.727	14.121	0.257949	6	35.294
-0.1786850E 01	0.1415087E 01	0.2278079E 01	141.662	20.237	0.046020	7	41.176
-0.2144150E C2	0.1727126E 01	0.2151094E 02	175.395	21.924	0.434551	8	47.059
-0.1062786E 02	-0.4262712E-01	0.1062795E 02	180.230	20.026	0.214695	9	52.941
0.4105214E 01	0.2579290E 01	0.4088250E 01	32.141	3.214	0.097941	10	58.824

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 530 CR 53.1 TR 15 TORSION 185							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2664981E 02							
-0.2421387E 02	0.1110779E 02	0.2664008E 02	155.357	155.357	1.000000	1	5.882
-0.2183167E C1	0.6904961E 01	0.7241870E 01	107.546	53.773	0.271841	2	11.765
-0.5553581E 01	-0.2076399E 01	0.5929051E 01	200.500	66.833	0.222541	3	17.647
-0.9457681E-01	0.7917670E 01	0.7517751E 01	90.264	22.564	0.282197	4	23.529
-0.1675876E 01	-0.1155810E 02	0.1167904E 02	261.750	52.350	0.430401	5	29.412
0.2470345E C1	0.1760002E 01	0.3037800E 01	35.592	5.932	0.114034	6	35.294
0.3823818E C0	-0.2674436E 01	0.2706583E 01	278.122	39.732	0.101592	7	41.176
-0.1336301E 02	-0.4074427E 01	0.1593671E 02	194.784	24.598	0.523148	8	47.059
-0.5366820E 01	0.1540520E-01	0.5366640E 01	179.835	19.982	0.201375	9	52.941
-0.8554170E 00	0.1260521E 01	0.1539458E 01	123.744	12.374	0.057806	10	58.824

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 530 CR 53.1 TR 29 PITCH LINK							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.7354915E 02							
-0.4623065E 02	0.2778441E 02	0.5123477E 02	154.466	154.466	1.000000	1	5.882
-0.8104277E C0	0.8308851E 01	0.8348291E 01	95.571	47.785	0.162942	2	11.765
-0.1216875E 01	0.1593597E 02	0.1598221E 02	94.360	31.453	0.311941	3	17.647
-0.7196458E 01	-0.2017100E 00	0.7199283E 01	181.606	45.401	0.140516	4	23.529
0.3788574E C1	0.1484129E 01	0.4068896E 01	21.392	4.278	0.079417	5	29.412
0.4568667E-01	0.3520849E 00	0.3550368E 00	82.607	13.768	0.006930	6	35.294
0.1179539E 01	-0.1390782E 00	0.1187709E 01	353.275	50.468	0.023192	7	41.176
0.1542968E 01	-0.2329216E 00	0.1600074E 01	351.629	43.954	0.031229	8	47.059
-0.5399789E 00	-0.6614087E 00	0.8538378E 00	730.772	25.641	0.016665	9	52.941
-0.6077939E 00	-0.5685382E 00	0.8319633E 00	223.107	22.311	0.016230	10	58.824

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 530 CR 53.1 TR 34 BLADE ANGLE							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1061388E 02							
0.4030396E C0	-0.7980517E 00	0.8940504E 00	256.795	296.795	1.000000	1	5.882
-0.1732453E-02	0.3534841E-01	0.3543081E-01	52.803	46.402	0.039630	2	11.765
-0.4947113E-07	-0.3589648E-01	0.3638579E-01	260.593	86.864	0.040699	3	17.647
-0.3065900E-01	-0.1669637E-01	0.3490258E-01	208.579	52.145	0.039039	4	23.529
-0.9176177E-02	-0.7102858E-02	0.1176775E-01	717.146	43.429	0.013157	5	29.412
0.0563757E-02	0.1571602E-02	0.0706767E-02	10.399	1.733	0.009773	6	35.294
-0.2384106E-02	0.1390250E-01	0.1410544E-01	99.731	14.247	0.015777	7	41.176
0.2871838E-02	-0.2727270E-02	0.3960498E-02	316.479	39.960	0.004430	8	47.059
0.1125533E-01	-0.3939414E-02	0.1192501E-01	340.710	37.857	0.013338	9	52.941
0.1983142E-02	0.2293613E-02	0.3032113E-02	49.151	4.915	0.003391	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 4

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 498 CTR 563 CR 37.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4300177E 04	-0.1844341E 05	0.1102927E 05	288.726	288.726	1.000000	1	5.714
0.3540948E 04	-0.1671699E 05	0.8514326E 05	348.677	174.339	0.877198	2	11.429
-0.8348604E 03	-0.7689615E 07	0.4924801E 03	158.278	62.756	0.064445	3	17.143
-0.4872690E 03	0.1388071E 02	0.6119090E 02	164.957	41.739	0.095944	4	22.857
-0.5957786E 02	0.1525107E 01	0.5145974E 03	162.759	32.552	0.046657	5	28.571
-0.4914763E 03	-0.1929677E 02	0.2168631E 02	244.642	48.774	0.081986	6	34.286
-0.9287794E 01	0.1547441E 02	0.1516306E 07	5.857	0.837	0.013749	7	40.000
0.1508470E 03	-0.1125692E 02	0.9842139E 32	186.568	23.371	0.000924	8	45.714
-0.9777594E 02	-0.3435077E 02	0.7934795E 02	205.653	22.856	0.087194	9	51.429
-0.7152711E 02	0.2879570E 02	0.2929166E 02	100.359	10.656	0.082656	10	57.143

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 498 CTR 563 CR 37.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.6239348E 04	-0.3214220E 04	0.4303254E 04	312.836	312.836	1.000000	1	5.714
0.2988213E 04	-0.2241896E 05	0.2279430E 05	268.151	134.075	0.051912	2	11.429
-0.3892122E 02	-0.1857401E 02	0.1713373E 03	186.223	62.074	0.039889	3	17.143
-0.1783276E 03	-0.317630E 02	0.4247897E 02	213.065	43.266	0.009091	4	22.857
-0.3559949E 02	-0.1240000E 02	0.1356443E 03	354.698	78.940	0.000018	5	28.571
-0.1345661E 03	0.3547559E 02	0.8883116E 02	156.321	26.034	0.000266	6	34.286
-0.8135754E 02	-0.2886590E 02	0.1215420E 03	192.712	27.530	0.029090	7	40.000
-0.1244139E 03	0.2536002E 02	0.3645440E 02	44.879	5.510	0.000317	8	45.714
0.2618835E 02	0.5505642E 00	0.4478951E 02	0.704	0.078	0.018218	9	51.429
0.4478613E 02	0.2112511E 02	0.2116182E 02	85.886	8.501	0.004832	10	57.143

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 498 CTR 563 CR 37.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1737100E 04	-0.0512795E 05	0.1024290E 04	383.788	383.788	1.000000	1	5.714
0.5695872E 03	-0.9307622E 02	0.1782722E 03	213.136	106.568	0.188840	2	11.429
-0.1623814E 03	-0.5965950E 01	0.7713593E 02	355.579	118.524	0.073387	3	17.143
0.7698445E 02	-0.1508203E 02	0.2424623E 02	321.776	80.444	0.003672	4	22.857
0.1986782E 02	-0.2468310E 02	0.1448382E 03	350.187	78.037	0.141088	5	28.571
-0.3668750E 00	0.1735097E 02	0.1735481E 02	91.289	15.201	0.000044	6	34.286
-0.2625940E 02	0.2851570E 02	0.3876400E 02	132.642	18.949	0.037847	7	40.000
-0.4832804E 01	-0.1252626E 02	0.1342992E 02	246.988	31.133	0.013188	8	45.714
0.7294694E 01	-0.7305616E 01	0.1832390E 02	314.957	34.995	0.018879	9	51.429
0.7467100E 01	-0.9155E 01	0.1181660E 02	309.199	38.920	0.011535	10	57.143

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 498 CTR 563 CR 37.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.478439E 03	-0.4589380E 03	0.4463379E 03	259.788	259.788	1.000000	1	5.714
-0.1274419E 02	-0.3496959E 02	0.1888593E 03	190.714	95.358	0.443268	2	11.429
-0.1847794E 03	0.6714834E 02	0.2604863E 03	14.937	4.979	0.358378	3	17.143
0.2518893E 03	0.7144883E 01	0.7166849E 02	5.721	1.430	0.153466	4	22.857
0.7138794E 02	0.2603187E 02	0.2868861E 02	114.388	22.982	0.041347	5	28.571
-0.1188740E 02	0.1851640E 02	0.5138861E 02	11.889	1.972	0.110887	6	34.286
0.5621113E 02	0.7478186E 01	0.9471568E 02	4.524	0.644	0.293185	7	40.000
0.9442807E 02	-0.1988780E 02	0.2327261E 02	238.424	29.883	0.049985	8	45.714
-0.1218613E 02	-0.4682800E 00	0.3687971E 02	188.731	28.881	0.077368	9	51.429
-0.3687670E 02	0.3679E 04	0.7307880E 01	127.892	12.789	0.015671	10	57.143

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 4

HARMONIC ANALYSIS, MODEL XM-S1A SHIP 1002C T 498 CTR 563 CR 37.0 TR 10 FL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.8521599E C3	-0.4561953E 03	0.5703293E 03	235.119	233.119	1.000000	1	5.714
-0.3422888E 03	0.3575006E 02	0.2879999E 03	170.084	85.042	0.364000	2	11.429
-0.2044984E 03	0.9620576E 02	0.2418421E 03	27.441	7.814	0.424039	3	17.143
0.2218822E 03	0.7837836E 02	0.9553276E 02	55.128	13.782	0.167505	4	22.857
0.5462000E 02	0.6236884E 02	0.1682634E 03	158.246	31.649	0.295028	5	28.571
-0.1562808E 03	-0.3081488E 02	0.4032373E 02	310.165	51.654	0.070702	6	34.286
0.2600859E 02	-0.234374F 02	0.3282745E 02	225.559	32.223	0.057559	7	40.000
-0.2298511E 02	-0.1129480E 02	0.1129516E 02	270.460	33.808	0.019005	8	45.714
0.9071177E -01	-0.1173258E 02	0.2144095E 02	326.855	36.318	0.037629	9	51.429
0.1796997E 02	-0.2007206E 02	0.2074539E 02	284.637	28.464	0.036374	10	57.143
0.5247417E C1							

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 498 CTR 563 CR 37.0 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1373932E 04	-0.9005506E 03	0.7261384E 03	223.577	223.577	1.000000	1	5.714
-0.4260476E 03	0.4700510E 02	0.2242901E 03	162.618	81.306	0.380001	2	11.429
-0.2148476E 03	0.6939044E 02	0.2006707E 03	20.212	6.737	0.276353	3	17.143
0.1883136E 03	0.3946252E 02	0.4238816E 02	68.894	17.224	0.058254	4	22.857
0.1523197E 02	0.1088633E 03	0.2121713E 03	151.616	30.323	0.292191	5	28.571
-0.1866635E 03	-0.6134575E 02	0.6332600E 02	255.634	42.606	0.087289	6	34.286
-0.1571249E 02	-0.3684091E 02	0.7721319E 02	288.497	29.785	0.106337	7	40.000
-0.6785970E 02	0.0831116E 01	0.3454795E 02	16.484	2.060	0.047715	8	45.714
0.3322394E 02	-0.1131786E 02	0.397772E 02	341.597	37.955	0.049368	9	51.429
0.3401447E 02	-0.1879549E 02	0.1498756E 02	312.142	31.214	0.034989	10	57.143
0.1708822E 02							

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 498 CTR 563 CR 37.0 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1665171E 04	-0.3936721E 03	0.6241128E 03	219.107	219.107	1.000000	1	5.714
-0.4842925E C3	0.2278360E 02	0.2057177E 03	173.641	86.821	0.329616	2	11.429
-0.2844521E 03	0.9971342E 02	0.1670485E 03	36.649	12.216	0.267657	3	17.143
0.1340244E 03	0.3921741E 02	0.4460649E 02	123.272	30.818	0.075157	4	22.857
-0.2573389E 02	0.7638571E 02	0.1905236E 03	156.390	31.278	0.383271	5	28.571
-0.1745757E 03	-0.2113705E 02	0.5768603E 02	201.494	33.582	0.042432	6	34.286
-0.5367621E 02	-0.7131885E 02	0.1247969E 03	214.853	38.693	0.199962	7	40.000
-0.1026120E 03	0.3619785E 02	0.3980287E 02	71.887	8.987	0.061819	8	45.714
0.1183309E 02	-0.149832E 02	0.5389886E 02	344.382	38.256	0.084581	9	51.429
0.5188841E C2	-0.1227885E 02	0.1498756E 02	302.677	30.268	0.023373	10	57.143
0.7875746E 01							

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 498 CTR 563 CR 37.0 TR 14 FL. BEND 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1884043E 04	-0.2555809E 03	0.4528679E 03	214.427	214.427	1.000000	1	5.714
-0.3728857E C3	-0.2135677E 02	0.1446744E 03	188.489	94.244	0.328828	2	11.429
-0.1438894E 03	0.6228227E 02	0.1122504E 03	33.780	11.233	0.248304	3	17.143
0.9398672E 02	0.1627232E 02	0.3325266E 02	150.782	37.675	0.073557	4	22.857
-0.2899916E 02	0.7303917E 02	0.1458887E 03	149.937	29.991	0.322719	5	28.571
-0.1262909E C3	-0.2125875E 01	0.4778227E 02	182.549	30.425	0.105497	6	34.286
-0.4773506E 02	-0.374324E 02	0.1249988E 03	197.488	28.213	0.275618	7	40.000
-0.1188384E 03	0.3840015E 02	0.3891635E 02	88.657	10.882	0.086885	8	45.714
0.6317634E 01	-0.1726454E 02	0.6319997E 02	34.147	38.239	0.139832	9	51.429
0.6079616E C2	-0.1764206E 02	0.2982228E 02	315.166	31.517	0.053351	10	57.143
0.1774444E 02							

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 4

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 498 CTR 563 CR 37.0 TR 1 CH. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2479791E 05							
0.3972219E 05	-0.7241711E 04	0.4037691E 05	349.668	349.668	1.000000	1	5.714
0.9380000E 01	0.8709244E 02	0.9420344E 03	5.305	2.652	0.023331	2	11.429
-0.3138311E 04	-0.4405994E 03	0.3169088E 04	187.992	62.664	0.078488	3	17.143
-0.8554717E 03	-0.1347766E 04	0.1596349E 04	237.595	59.359	0.039536	4	22.857
-0.6852754E 03	-0.3904021E 03	0.7886799E 03	209.670	41.934	0.019533	5	28.571
-0.5562521E 02	-0.5597910E 03	0.5625476E 03	264.325	44.054	0.019932	6	34.286
-0.1900935E 03	-0.7196804E 01	0.7443623E 03	255.204	36.458	0.018435	7	40.000
0.2039116E 02	-0.1943754E 03	0.1954421E 03	275.989	34.499	0.004840	8	45.714
-0.3156385E 03	-0.6498674E 03	0.7224648E 03	244.094	27.122	0.017893	9	51.429
-0.4554199E 02	-0.3717922E 03	0.3745710E 03	263.016	26.302	0.009277	10	57.143

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 498 CTR 563 CR 37.0 TR 5 CH. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1770337E 05							
0.2339229E 05	-0.2242927E 04	0.2349957E 05	354.523	354.523	1.000000	1	5.714
0.4180708E 03	0.2335499E 03	0.4970010E 03	78.029	14.014	0.021149	2	11.429
-0.2316993E 04	-0.2483258E 03	0.2330262E 04	184.117	62.039	0.099162	3	17.143
-0.6346526E 03	-0.5862168E 03	0.8639641E 03	222.728	55.692	0.036765	4	22.857
-0.5165046E 03	0.4404849E 02	0.5163867E 03	175.107	35.071	0.021974	5	28.571
0.1248991E 03	-0.5356350E 03	0.5500039E 03	293.124	47.188	0.023405	6	34.286
0.2277956E 03	0.2294141E 02	0.2289479E 03	5.751	0.022	0.009743	7	40.000
-0.2314864E 03	-0.7255801E 02	0.2425917E 03	197.403	24.675	0.010323	8	45.714
-0.1250192E 03	-0.1417513E 02	0.1258401E 03	186.460	20.719	0.005355	9	51.429
-0.1909868E 03	-0.7706250E 02	0.2059480E 03	201.974	20.197	0.008764	10	57.143

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 498 CTR 563 CR 37.0 TR 8 CH. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5902797E 04							
0.9944234E 04	-0.1652304E 04	0.1008057E 05	350.566	350.566	1.000000	1	5.714
0.3935837E 03	0.1264419E 02	0.3937844E 03	1.840	0.920	0.039964	2	11.429
-0.1101901E 04	0.1382399E 03	0.1110544E 04	172.847	57.616	0.110167	3	17.143
-0.3192761E 03	-0.1758067E 03	0.3444792E 03	208.839	52.210	0.036157	4	22.857
-0.1499503E 03	-0.1432984E 03	0.2074116E 03	134.299	27.260	0.020575	5	28.571
0.1248756E 03	-0.4802187E 03	0.4964963E 03	284.800	47.467	0.049271	6	34.286
0.3382896E 03	-0.2472442E 03	0.4173970E 03	323.676	46.234	0.041406	7	40.000
-0.4761484E 03	-0.7102962E 02	0.4814170E 03	188.445	23.561	0.047757	8	45.714
0.2556515E 03	0.2017515E 03	0.3102180E 03	40.568	4.508	0.030774	9	51.429
-0.2213534E 02	0.8084006E 02	0.8381578E 02	105.313	10.531	0.008315	10	57.143

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 498 CTR 563 CR 37.0 TR 12 CH. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4759379E 04							
0.3883297E 04	-0.4496414E 03	0.3909242E 04	353.395	353.395	1.000000	1	5.714
0.2142692E 03	-0.3845264E 02	0.2176922E 03	349.826	174.913	0.055487	2	11.429
-0.3620088E 03	0.1165982E 03	0.3803228E 03	162.147	54.049	0.097288	3	17.143
-0.1232070E 03	-0.7088850E 02	0.1421448E 03	209.914	52.479	0.036361	4	22.857
0.6114664E 02	0.1279691E 03	0.1418273E 03	64.460	12.892	0.036280	5	28.571
-0.1820760E 01	-0.7109098E 03	0.2109177E 03	269.505	44.918	0.033954	6	34.286
0.2409669E 03	-0.1801184E 03	0.3008447E 03	323.222	46.175	0.076957	7	40.000
-0.2517924E 03	0.8397447E 01	0.2519324E 03	178.090	22.261	0.064445	8	45.714
0.1577009E 03	0.1810923E 03	0.2401333E 03	48.950	5.439	0.061427	9	51.429
-0.1542167E 02	0.7594031E 02	0.7749034E 02	101.479	10.148	0.019822	10	57.143

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 4

HARMONIC ANALYSIS MODEL XM-51A SHIP 1007C T 49R CTR 563 CP 37.0 TR 9 TORSION 115

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.3452620F 03							
0.8832928F 01	0.5343317E 02	0.5415831E 02	80.613	80.613	0.872812	1	5.714
-0.1069514F 02	0.1354216E 02	0.1725618E 02	128.301	84.150	0.278100	2	11.429
0.1380103F 02	0.1753442E 02	0.2231421E 02	51.774	17.265	0.355614	3	17.143
-0.1204234F 02	0.2525780E 02	0.2798167E 02	115.491	23.873	0.450951	4	22.857
-0.6184348E 02	0.5062808E 01	0.6205035E 02	175.320	35.064	1.000000	5	28.571
0.3673116F 01	0.9129028E 01	0.9840271E 01	68.062	11.347	0.158985	6	34.286
0.9851764E 01	0.2516391E 02	0.2696782E 02	68.573	9.796	0.434612	7	40.000
-0.7951789E 01	0.1749330E 02	0.1939984E 02	114.198	14.275	0.312647	8	45.714
0.5849344E 01	-0.4027275E 01	0.6412933E 01	314.240	34.915	0.135982	9	51.429
-0.2734190E 01	-0.3989182E 01	0.4836254E 01	235.573	23.557	0.077941	10	57.143

HARMONIC ANALYSIS MODEL XM-51A SHIP 1007C T 49R CTR 563 CR 37.0 TR 15 TORSION 185

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1392504F 03							
-0.1182552F 01	0.1738171E 02	0.1742187E 02	93.892	93.852	0.601871	1	5.714
-0.1048521E 02	0.1650229E 02	0.1955159E 02	122.431	61.216	0.675445	2	11.429
0.3889762E 01	0.2027890E 02	0.2064783E 02	79.153	26.384	0.133117	3	17.143
-0.3155404E 01	0.3134888E 01	0.6824909E 01	121.571	30.363	0.288211	4	22.857
-0.2778738E 02	0.8188764E 01	0.2894621E 02	183.733	32.747	1.000000	5	28.571
-0.5543409E 00	0.2305679E 01	0.2396738E 01	185.844	17.641	0.882759	6	34.286
0.1101267E 02	0.9375921E 01	0.1446190E 02	40.486	5.772	0.499816	7	40.000
-0.2038644E 01	0.4815748E 01	0.5229484E 01	112.944	14.118	0.186682	8	45.714
0.5892524F 01	-0.3699039E 01	0.6957349E 01	327.881	36.431	0.240354	9	51.429
-0.6197527E 01	-0.1764193E 01	0.6444118E 01	195.889	19.589	0.222624	10	57.143

HARMONIC ANALYSIS MODEL XM-51A SHIP 1007C T 49R CTR 563 CR 37.0 TP 29 PITCH LINK

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.2076674E 02							
-0.9118343F 02	0.6829155E 02	0.1139217E 03	143.149	143.149	1.000000	1	5.714
-0.1626120E 02	0.2986807E 02	0.3400775E 02	118.565	59.283	0.298519	2	11.429
-0.1735941E 01	0.3901139E 01	0.4269938E 01	113.988	37.496	0.037481	3	17.143
0.7003634E 01	-0.4282273E 01	0.8209045E 01	328.557	82.139	0.072059	4	22.857
0.5388594E 01	0.3861633E 01	0.6558086E 01	36.074	7.215	0.057367	5	28.571
-0.1805807E 01	-0.6599278E 00	0.1997941E 01	199.287	33.215	0.017938	6	34.286
-0.2012629E 01	0.1431867E 01	0.2473007E 01	144.576	20.453	0.021682	7	40.000
-0.2459685E 01	0.8182406E 00	0.2592213E 01	181.800	20.260	0.022754	8	45.714
0.2756794E 01	-0.1788364E 01	0.2256883E 01	354.551	19.950	0.019811	9	51.429
0.2950463E 00	0.1708730E 00	0.3409494E 00	30.077	3.008	0.082993	10	57.143

HARMONIC ANALYSIS MODEL XM-51A SHIP 1007C T 49R CTR 563 CR 37.0 TR 34 BLADE ANGLE

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1327090E 02							
-0.4084733E-02	-0.9013621E 00	0.9013713E 00	269.740	269.740	1.000000	1	5.714
-0.7979193E-02	0.5218844E-02	0.9202201E-02	145.450	72.725	0.810209	2	11.429
-0.1575986E-01	-0.4415815E-01	0.4486432E-01	250.358	83.453	0.052014	3	17.143
-0.3315735E-01	-8.2273628E-02	0.4020383E-01	214.439	53.610	0.044603	4	22.857
0.9826604E-02	-0.4084505E-02	0.1064168E-01	337.429	67.486	0.011806	5	28.571
0.1940709E-01	-0.3466103E-02	0.1971417E-01	349.874	58.312	0.021871	6	34.286
-0.3377476E-02	-0.4415839E-02	0.5719025E-02	233.800	33.400	0.006345	7	40.000
-0.7798988E-02	-0.1962373E-01	0.2111649E-01	248.326	31.641	0.023427	8	45.714
-0.2829393E-02	-2.7480249E-02	0.7997472E-02	249.281	27.458	0.008873	9	51.429
0.6341033E-02	-0.9539682E-02	0.1145488E-01	303.612	30.361	0.012708	10	57.143

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 5

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 2 FL. BEND A							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-3.1297477E 05	-0.0426074E 04	0.0380045E 04	259.108	259.1CP	1.000000	1	5.917
-0.1621346E 04	0.3475774E 03	0.7278330E 03	151.474	75.737	0.084023	2	11.834
-0.6394773E 03	-0.6684097E 03	0.2049477E 04	346.879	115.626	C.24C400	3	17.751
0.2094009E 04	0.9912300E 03	0.5914517E 03	91.569	22.897	0.068929	4	23.669
-0.1619482E 02	-0.7942861E 03	0.9545232E 03	3C3.691	60.738	0.111241	5	29.586
0.6294441E 02	0.1227174E 03	0.1379779E 03	62.830	10.473	0.016C74	6	35.503
0.8004850E 02	0.1265594E 03	0.1500826E 03	57.487	8.212	0.017491	7	41.420
0.5281250E 02	-0.2961479E 01	0.5289544E 02	356.790	44.559	0.006145	8	47.337
-0.6789637E 01	0.1733919E 02	0.1861843E 02	111.367	12.374	0.00217C	9	53.254
-0.6317404E 02	0.5470847E 02	0.8330805E 02	139.316	13.932	0.0C9709	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2774885E 04	-0.2381090E 04	0.2405958E 04	278.245	278.245	1.000000	1	5.917
0.3456328E 03	0.2006050E 02	0.5541220E 02	157.751	78.876	0.023031	2	11.834
-0.5128683E 02	-0.4546544E 02	0.8739857E 02	211.346	10.449	C.36326	3	17.751
-0.7464186E 02	-0.1911735E 03	0.1928752E 03	277.616	69.4C4	0.000168	4	23.669
0.2554413E 02	0.4523704E 03	0.4991311E 03	114.999	23.000	0.207456	5	29.586
-0.2109330E 03	0.7078639E 01	0.1175889E 03	176.539	29.423	0.043874	6	35.503
-0.1173742E 03	-0.9375450E 02	0.1965323E 03	208.492	29.785	0.081886	7	41.420
-0.1727282E 02	0.6485544E 02	0.9441371E 02	137.277	17.16C	0.039242	8	47.337
-0.4934012E 02	-0.7102688E 01	0.4115862E 02	189.937	21.1C4	0.017107	9	53.254
-0.4094115E 02	0.3859979E 02	0.3879810E 02	96.490	9.659	0.016125	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1282186E 04	-0.8089826E 03	0.8789360E 03	270.468	27.468	1.000000	1	5.917
0.6600678E 01	-0.4799071E 02	0.2071170E 03	193.398	9.699	C.256036	2	11.834
-0.2714003E 03	0.3188470E 02	0.3958220E 03	175.380	58.46C	0.499312	3	17.751
-0.3945559E 03	-0.129C684E 03	0.1332033E 03	255.638	63.9C9	0.144465	4	23.669
-0.1304093E 02	0.2539640E 03	0.2790916E 03	114.499	22.900	0.345011	5	29.586
-0.1157344E 03	0.2000523E 02	0.2092703E 02	187.869	17.845	0.025870	6	35.503
-0.6142623E 01	-0.9762878E 01	0.106C405E 02	247.015	39.288	0.013110	7	41.420
-0.4141153E 01	0.2643385E 02	0.3673784E 02	41.689	5.211	0.045415	8	47.337
0.2747659E 02	0.1697480E 02	0.1570370E 02	72.465	8.052	0.019413	9	53.254
0.4731346E 01	-0.2472745E 02	0.2565598E 02	294.538	25.455	0.031716	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4373820E 03	-0.5644684E 03	0.5910569E 03	252.812	252.812	0.953795	1	5.917
-0.1746632E 03	-0.7330241E 02	0.3768503E 03	191.226	95.613	C.6C8127	2	11.834
-0.3694409E 03	0.1432978E 03	0.6196899E 03	166.630	45.543	1.000000	3	17.751
-0.6080933E 03	0.1943699E 02	0.6809442E 02	166.897	41.724	0.109885	4	23.669
-0.6632361E 02	-0.6883749E 02	0.6790431E 02	296.712	59.347	0.1C9578	5	29.586
0.6794947E 02	0.2099721E 02	0.7351030E 02	273.233	3.877	0.118624	6	35.503
0.6060005E 02	0.3864403E 02	0.7880551E 02	29.345	4.195	0.127169	7	41.420
0.9139198E 02	-0.2654337E 02	0.5784189E 02	332.684	41.506	0.093340	8	47.337
0.9151293E 01	0.6222913E 01	0.1106009E 02	34.208	3.801	0.017861	9	53.254
0.2633270E 02	-0.3639573E 01	0.2658302E 02	352.131	39.213	0.042897	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 5

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 10 FL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1163618F 04	-0.3172856E 03	0.5759436E 03	243.916	243.916	0.602150	1	5.917
-0.2532330E 03	-0.9748264E 02	0.5834312E 03	189.618	94.809	0.812578	2	11.834
-0.5752297E 03	0.1444375E 03	0.7182000E 03	168.395	55.132	1.000000	3	17.751
-0.7053220E 03	0.1387870E 03	0.1443070E 03	105.900	26.475	0.200986	4	23.669
-0.3953394E 02	-0.2607051E 03	0.3137786E 03	304.011	60.802	0.437017	5	29.586
0.1755135E 03	0.2346252E 02	0.3036443E 02	50.585	8.431	0.042297	6	35.503
0.1978246E 02	-0.1994302E 02	0.2437180E 02	234.913	33.559	0.033944	7	41.420
-0.1400532E 02	-0.4220394E 02	0.4914523E 02	239.178	29.897	0.060447	8	47.337
-0.2518095E 02	0.1324586E 01	0.3662335E 02	177.921	19.769	0.051007	9	53.254
-0.3459926E 02	0.4119177E 02	0.4165902E 02	94.580	9.859	0.058020	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1812832F 04	-0.4441829E 03	0.4931780E 03	244.244	244.244	0.681879	1	5.917
-0.2143940E 03	-0.1504467E 03	0.5848025E 03	192.734	94.367	0.944824	2	11.834
-0.6879505E 03	0.2106032E 03	0.7232627E 03	163.071	54.357	1.000000	3	17.751
-0.6919216E 03	0.2059591E 03	0.2083649E 03	98.715	24.679	0.290090	4	23.669
-0.3157144E 02	-0.3423499E 03	0.4020691E 03	301.628	60.326	0.555910	5	29.586
0.2104488E 03	-0.7256782E 01	0.3869591E 02	349.251	58.158	0.051502	6	35.503
0.1800938E 02	-0.7312746E 02	0.9918625E 02	227.500	32.500	0.117137	7	41.420
-0.4700943E 02	0.6798707E 00	0.6291720E 02	179.381	22.423	0.086991	8	47.337
-0.6291362E 02	-0.4825783E 02	0.5215186E 02	247.626	27.936	0.072051	9	53.254
-0.1966795E 02	-0.1597703E 01	0.9740126E 01	189.441	18.944	0.013467	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1873610F 04	-0.1961043E 03	0.2191995E 03	243.462	243.462	0.318804	1	5.917
-0.9791640F 02	-0.1552416E 03	0.6919097E 03	192.966	96.483	1.000000	2	11.834
-0.6742695E 03	0.2007507E 03	0.6613672E 03	162.379	54.110	0.955887	3	17.751
-0.6301843E 03	0.2197679E 03	0.2201597E 03	93.419	23.357	0.318191	4	23.669
-0.1312363E 02	-0.3174907E 03	0.3930789E 03	307.346	61.464	0.348107	5	29.586
0.7184555E 03	-0.1744907E 02	0.2862619E 02	274.579	45.767	0.041373	6	35.503
0.7285196E 01	-0.1209188E 03	0.1643122E 03	227.333	32.476	0.237476	7	41.420
-0.11136.2F 03	-0.1449049E 02	0.7735152E 02	190.797	23.850	0.111794	8	47.337
-0.7598215E 02	-0.9124179E 01	0.2700679E 02	199.746	22.146	0.099752	9	53.254
-0.2541882E 02	0.9059041E 00	0.4639118E 01	11.261	1.126	0.006705	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 14 FL. BEND 189

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1658074E 04	-0.8936874E 02	0.9332536E 02	253.214	253.214	0.178122	1	5.917
-0.2695218E 02	-0.1264209E 03	0.5233218E 03	193.966	96.983	1.000000	2	11.834
-0.5083376E 03	0.1104860E 03	0.5180937E 03	167.687	55.896	0.989065	3	17.751
-0.5061760F 01	0.2092542E 03	0.2093650E 03	88.178	22.047	0.399634	4	23.669
0.6396046E 01	-0.2094177E 03	0.0955742E 03	314.888	62.977	0.364265	5	29.586
0.2088866E 02	-0.1936122E 02	0.2194492E 02	241.917	40.319	0.041894	6	35.503
-0.1033067E 03	-0.1064915E 03	0.1530355E 03	274.096	32.014	0.292152	7	41.420
-0.1099064E 03	0.7416112E 00	0.7724840E 02	179.450	22.431	0.147471	8	47.337
-0.7724489E 02	-0.7428107E 01	0.8063478E 01	297.103	27.456	0.015394	9	53.254
-0.3137342E 01	-0.1806320E 02	0.1948608E 02	235.522	23.952	0.037200	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 5

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 1 CH. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1249477E 05							
0.2399165E 05	-0.2736207E 04	0.2414718E 05	353.493	353.453	1.000000	1	5.917
0.6290621E 04	0.2777104E 04	0.6476383E 04	23.821	11.910	0.28477C	2	11.834
0.3488089E 04	-0.4224678E 03	0.3712201E 04	353.465	117.822	0.153732	3	17.751
0.2306810E 03	-0.3706096E 03	0.4365376E 03	301.900	75.475	0.018078	4	23.669
0.3053242E 03	-0.8579927E 03	0.9107003E 03	289.589	57.918	0.037715	5	29.586
-0.4278178E 02	-0.3207939E 01	0.3313027E 03	255.530	42.588	0.013720	6	35.503
0.2667974E 03	-0.4086284E 03	0.4880142E 03	303.141	43.306	0.020210	7	41.420
0.1738180C 03	0.1300779E 03	0.2171013E 03	36.810	4.401	0.008991	8	47.337
0.2112135E 03	0.2434388E 03	0.3222442E 03	49.054	5.450	0.013347	9	53.254
0.1074935E 03	0.8016188E 02	0.1340924E 03	36.713	3.671	0.005553	10	59.172

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 5 CH. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1358777E 05							
0.1406816E 05	-0.6505239E 03	0.1466241E 05	357.491	357.451	1.000000	1	5.917
0.4182570E 04	0.1941148E 04	0.4457465E 04	20.227	10.114	0.299919	2	11.834
0.2367590E 04	0.1984102E 03	0.2575244E 04	4.419	1.473	0.173272	3	17.751
-0.355527E 03	0.1002409E 03	0.3694128E 03	164.255	41.064	0.024856	4	23.669
-0.4361218E 02	-0.7638425E 03	0.7650864E 03	166.732	57.346	0.051478	5	29.586
-0.9257461E 02	0.1530034E 03	0.1788091E 03	121.165	20.194	0.012031	6	35.503
0.2012148E 03	0.2464486E 03	0.3197124E 03	50.936	7.285	0.021911	7	41.420
0.2587466E 02	-0.2414637E 03	0.2478461E 03	21.6116	34.515	0.016340	8	47.337
0.7799913E 02	-0.3068196E 02	0.8381671E 02	338.527	37.614	0.009640	9	53.254
0.4879720E 02	-0.7648517E 02	0.9080999E 02	302.504	30.250	0.006110	10	59.172

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 8 CH. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.8820531E 04							
0.5962184E 04	-0.5912439E 03	0.5991426E 04	354.337	354.327	1.000000	1	5.917
0.2038413E 04	0.4370791E 03	0.2084746E 04	12.102	6.051	0.347955	2	11.834
0.1102672E 04	-0.1256050E 03	0.1109802E 04	353.501	117.834	0.185232	3	17.751
-0.3405942E 03	0.2783965E 03	0.4394655E 03	140.735	35.184	0.073416	4	23.669
-0.1118142E 03	-0.2276641E 03	0.2536402E 03	243.843	48.749	0.042334	5	29.586
0.4596169E 02	0.9454350E 02	0.1051235E 03	64.074	10.478	0.017546	6	35.503
0.2644116E 03	0.2801277E 03	0.3652079E 03	46.553	6.665	0.044293	7	41.420
-0.2496672E 03	-0.4128197E 03	0.4824441E 03	238.835	29.854	0.080522	8	47.337
-0.3151082E 03	-0.9994644E 02	0.3305786E 03	197.578	21.955	0.059175	9	53.254
-0.1199651E 03	-0.1272839E 02	0.1206384E 03	186.056	18.606	0.020135	10	59.172

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 502 CTR 354 CR 50.1 TR 12 CH. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4130812E 04							
0.2280873E 04	-0.7012444E 02	0.2281950E 04	358.239	358.239	1.000000	1	5.917
0.9208159E 03	0.1178065E 02	0.9308804E 03	0.725	0.363	0.407936	2	11.834
0.3704045E 03	-0.1474732E 03	0.3984874E 03	338.290	112.763	0.171711	3	17.751
-0.2004054E 03	0.1658757E 03	0.2601479E 03	140.585	35.096	0.114002	4	23.669
-0.3378558E 02	-0.4696193E 02	0.5948727E 02	275.393	47.079	0.026269	5	29.586
0.6446375E 02	0.2312946E 02	0.6848753E 02	19.730	3.240	0.030013	6	35.503
0.1135721E 03	0.1604823E 03	0.1964041E 03	54.713	7.816	0.086154	7	41.420
-0.1908754E 03	-0.2331077E 03	0.3012849E 03	270.688	28.836	0.132030	8	47.337
-0.2833699E 03	-0.8000671E 02	0.2944478E 03	195.766	21.752	0.129033	9	53.254
-0.9358197E 02	-0.1535147E 02	0.9483272E 02	189.316	13.932	0.041558	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 5

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 354 CR 5C.1 TR 9 TORSION 115							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1532649E 03						1	5.917
0.9242792E 02	0.5320349E 02	0.7475880E 02	45.469	45.469	0.482613	2	11.834
0.1107395E 02	0.1691244E 02	0.1988196E 02	96.152	28.076	0.144915	3	17.751
-0.2611147E 02	-0.1221577E 02	0.2882759E 02	209.072	68.357	0.224660	4	23.669
0.6351312E 02	-0.6152589E 01	0.4407837E 02	352.384	88.896	0.499376	5	29.586
0.5892799E 02	-0.1149969E 03	0.1283164E 03	498.337	50.247	1.000000	6	35.503
0.2600264E 02	-0.2210389E 02	0.3412794E 02	319.633	53.272	0.465967	7	41.420
0.1797697E 02	0.1395996E 02	0.2105449E 02	31.369	4.481	0.164083	8	47.337
-0.1569819E 01	-0.4918980E 00	0.1645082E 01	197.398	24.675	0.012821	9	53.254
0.1291231E 02	-0.1904151E 01	0.1305195E 02	351.611	39.088	0.101717	10	59.172
0.2003164E 01	0.5331312E 01	0.5695221E 01	69.407	6.941	0.044384		

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 354 CR 5C.1 TR 15 TORSION 185							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.4530309E 02						1	5.917
0.5364832E 02	0.5322003E 02	0.7556792E 02	44.770	44.770	1.000000	2	11.834
-0.1825342E 02	-0.7660308E 01	0.1979572E 02	202.767	101.383	0.261959	3	17.751
0.1162518E 02	-0.2344675E 01	0.1185927E 02	348.597	116.199	0.156935	4	23.669
0.2937473E 02	0.5566538E 01	0.2909740E 02	10.729	2.682	0.395636	5	29.586
0.1117695E 02	-0.5081459E 02	0.5202805E 02	287.403	54.401	0.600905	6	35.503
0.4073716E 01	0.4397583E 01	0.4073951E 01	0.618	0.183	0.053911	7	41.420
0.1544323E 01	0.5828762E 01	0.6021778E 01	58.697	8.385	0.090273	8	47.337
-0.4337619E 01	-0.9523579E 00	0.4440734E 01	192.366	24.048	0.050765	9	53.254
0.1608655E 01	-0.3841749E 01	0.4164948E 01	292.720	32.524	0.055115	10	59.172
0.3825784E 00	-0.4928337E 01	0.4933193E 01	274.443	27.444	0.065414		

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 354 CR 5C.1 TR 29 PITCH LINK							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.3484497E 02						1	5.917
-0.3210392E 01	0.2257677E 02	0.2310052E 02	97.989	97.989	0.970710	2	11.834
0.2659235E 01	0.6358594E 01	0.6090413E 01	67.298	35.649	0.289543	3	17.751
0.1837910E 02	0.1511704E 02	0.2379755E 02	19.437	13.146	1.000000	4	23.669
-0.2008942E 02	0.5160336E 01	0.2074158E 02	165.594	41.358	0.071585	5	29.586
0.3928426E 01	0.4363267E 01	0.5871167E 01	131.998	26.400	0.246713	6	35.503
-0.1405519E 01	0.2676094E 01	0.3022740E 01	117.709	19.618	0.127819	7	41.420
0.2722003E 01	0.1014397E 01	0.2904875E 01	20.439	2.920	0.127866	8	47.337
0.1617393E 01	0.2463183E 01	0.2946733E 01	56.710	7.089	0.123825	9	53.254
-0.2999880E 00	-0.1549778E 01	0.2712215E 01	261.426	29.047	0.084556	10	59.172
0.1302578E 01	0.6018468E 00	0.1434828E 01	24.793	2.479	0.060293		

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 354 CR 5C.1 TR 34 BLADE ANGLE							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.7557105E 01						1	5.917
0.1432314E 01	-0.1887809E 01	0.2369671E 01	307.188	307.188	1.000000	2	11.834
0.1594469E 01	0.5171359E 01	0.3549626E 01	63.308	31.254	0.014979	3	17.751
-0.5773902E 01	-0.5908068E 01	0.8260942E 01	225.358	75.219	0.034961	4	23.669
0.2142397E 01	-0.1230042E 02	0.2166604E 01	351.426	87.857	0.009143	5	29.586
-0.5017816E 02	-0.1498288E 01	0.1580098E 01	251.484	50.257	0.006468	6	35.503
-0.1492140E 01	0.1876468E 01	0.2397475E 01	128.491	21.415	0.010117	7	41.420
0.9276801E 01	-0.4585422E 02	0.467817E 02	281.437	40.285	0.001974	8	47.337
-0.2424674E 02	0.8357763E 02	0.8703429E 02	106.202	15.275	0.003673	9	53.254
-0.1416480E 01	0.2369984E 01	0.2761174E 01	120.869	15.420	0.011052	10	59.172
0.1045020E 01	0.1973510E 01	0.2189054E 01	61.485	6.149	0.004238		

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 5

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 306 CR 48.1 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1128033E 05							
-0.1470217E 04	-0.5675091E 04	0.5863215E 04	255.478	255.478	1.000000	1	5.882
-0.3887910E 04	0.7978532E 03	0.3968991E 04	168.403	44.202	0.676924	2	11.765
0.1304471E 04	-0.4257904E 04	0.3449188E 04	287.082	95.654	0.759827	3	17.647
0.0416162E 03	0.3586289E 03	0.9148461E 03	23.080	5.770	0.156030	4	23.529
-0.1287249E 04	-0.1603564E 04	0.2056317E 04	231.745	46.249	0.350715	5	29.412
0.3511002E 02	-0.1086059E 03	0.1144516E 03	288.391	49.065	0.019520	6	35.294
0.2271603E 03	0.1054774E 02	0.2234394E 03	2.706	0.387	0.038109	7	41.176
-0.3126516E 01	0.2326344E 02	0.2347219E 02	97.645	12.207	0.004073	8	47.059
0.7629840E 02	0.1544303E 02	0.7784572E 02	11.442	1.271	0.013277	9	52.941
0.1184449E 02	-0.1198839E 02	0.1645971E 02	314.678	31.468	0.002872	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 306 CR 48.1 TR 4 FL. BEND 65							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.4277051E 04							
0.1809404E 04	-0.3059316E 04	0.3554449E 04	300.604	300.604	1.000000	1	5.882
-0.3500447E 03	-0.4451720E 02	0.3528636E 03	187.248	93.624	0.099274	2	11.765
-0.3428329E 02	-0.1782790E 02	0.4132462E 02	199.084	46.028	0.011626	3	17.647
-0.1623536E 03	-0.2301140E 03	0.2816221E 03	234.796	58.899	0.079231	4	23.529
0.7898370E 03	0.5539880E 03	0.9648974E 03	35.073	7.015	0.271237	5	29.412
-0.8800000E 02	0.7262394E 02	0.1140972E 03	140.468	23.411	0.032100	6	35.294
-0.2252660E 03	0.1285364E 02	0.2256332E 03	176.734	25.248	0.063479	7	41.176
-0.5833994E 02	-0.1701654E 02	0.5313443E 02	198.678	24.835	0.014949	8	47.059
-0.3080362E 02	0.1657942E 02	0.3468682E 02	151.554	16.839	0.009702	9	52.941
0.1453015E 02	-0.1586709E 02	0.2291309E 02	316.172	31.617	0.006446	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 306 CR 48.1 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1979208E 04							
0.6890531E 03	-0.1132549E 04	0.1325695E 04	301.317	301.317	1.000000	1	5.882
-0.1898080E 03	0.5983526E 02	0.1901973E 03	342.671	81.335	0.149906	2	11.765
-0.2774487E 03	0.6883247E 03	0.6884077E 03	114.517	30.172	0.004345	3	17.647
-0.1417929E 03	-0.7205875E 02	0.1598521E 03	206.940	51.735	0.119976	4	23.529
0.4773798E 03	0.4363810E 03	0.6467188E 03	42.426	8.405	0.447894	5	29.412
0.3491102E 01	0.2735197E 02	0.2789771E 02	78.640	13.100	0.021844	6	35.294
-0.2162410E 02	0.2198073E 02	0.3083639E 02	134.532	19.219	0.089259	7	41.176
-0.3185640E 01	0.1725896E 02	0.1799812E 02	106.470	13.310	0.013576	8	47.059
0.9395514E 01	0.7191500E 02	0.1517252E 02	51.749	5.750	0.011445	9	52.941
-0.7587154E 01	0.2582868E 02	0.2609746E 02	106.207	10.621	0.028289	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 306 CR 48.1 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.7849092E 02							
0.4759827E 03	-0.8648726E 03	0.9697151E 03	299.395	299.395	0.831017	1	5.882
-0.4711204E 03	-0.2541873E 02	0.4718034E 03	183.088	51.544	0.404323	2	11.765
-0.4092404E 03	0.1059307E 04	0.1166902E 04	114.788	30.263	1.000000	3	17.647
-0.3978993E 02	0.5554879E 02	0.5878241E 02	125.560	31.398	0.098316	4	23.529
-0.2092464E 03	-0.4957384E 02	0.2137350E 03	191.763	30.353	0.183164	5	29.412
0.3699809E 02	-0.2073621E 02	0.4681523E 02	322.134	53.689	0.048119	6	35.294
0.9969511E 02	0.1261101E 02	0.1804523E 02	7.224	1.032	0.004885	7	41.176
0.3621008E 02	0.3495511E 02	0.5005775E 02	43.660	5.457	0.042894	8	47.059
0.1531503E 02	0.4165904E 02	0.1438571E 02	69.815	7.757	0.030657	9	52.941
0.3321398E 01	0.1284174E 02	0.1324431E 02	75.499	7.550	0.011367	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 8

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 306 CR 48.1 TR 10 FL. BEND 140							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1026735E C4							
0.4985940E 03	-0.8470684E 03	0.9829092E 03	300.481	300.481	0.850827	1	5.882
-0.8565723E 03	-0.1010223E 03	0.8625088E 03	186.726	93.363	0.744606	2	11.765
-0.6174880E 03	0.9795085E 03	0.1155239E 04	122.018	40.673	1.000000	3	17.647
0.5107554E C2	0.2165883E 03	0.2725291E 03	76.731	19.183	0.192626	4	23.529
-0.5679878E C3	-0.4410144E 03	0.7190991E 03	217.828	43.566	0.622468	5	29.412
0.2555188E 02	-0.9747809E 01	0.2734808E 02	339.118	56.520	0.023673	6	35.294
-0.8950407E 01	0.1495451E 02	0.1742659E 02	120.902	17.277	0.015087	7	41.176
-0.1642591E C1	-0.5651523E 01	0.5885388E 01	253.794	31.724	0.905045	8	47.059
0.1585693E 01	0.2140945E 02	0.2146908E 02	84.764	9.529	0.018583	9	52.941
0.1390636E 02	-0.1598102E 02	0.2110909E 02	311.207	31.121	0.018272	10	58.874

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 306 CR 48.1 TR 11 FL. BEND 157							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1890654E 04							
0.3467908E 03	-0.6536804E 03	0.7399741E 03	297.947	297.947	0.720040	1	5.882
-0.9415432E 03	-0.6837515E 02	0.9440225E 03	184.154	92.077	0.918592	2	11.765
-0.6424485E 03	0.8821191E 03	0.1027684E 04	128.693	42.898	1.000000	3	17.647
0.1908475E 03	0.3916809E 03	0.4353525E 03	64.117	16.029	0.423625	4	23.529
-0.6655127E 03	-0.5452522E 03	0.8603528E 03	219.328	43.866	0.837176	5	29.412
-0.2523789E 02	-0.5799585E 02	0.6324905E 02	246.483	41.080	0.061545	6	35.294
-0.1150702E C3	-0.2787436E 02	0.1183982E 03	193.617	27.660	0.115209	7	41.176
-0.2369218E 02	-0.6231049E 02	0.6666267E 02	249.182	31.148	0.064867	8	47.059
-0.6409794E 01	-0.3790189E 02	0.3399953E 02	255.663	28.407	0.033045	9	52.941
-0.1342769E 02	0.3358438E 02	0.3616922E 02	111.793	11.179	0.035195	10	58.874

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 306 CR 48.1 TR 13 FL. BEND 172							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1858305E 04							
0.6658398E 02	-0.4198669E 03	0.4251135E 03	279.011	279.011	0.451107	1	5.882
-0.9423557E 03	0.6414469E 01	0.9423774E 03	179.610	89.805	1.000000	2	11.765
-0.5795127E C3	0.5430266E 03	0.7926000E 03	136.864	45.555	0.839642	3	17.647
0.1654913E 03	0.3310576E 03	0.3701167E 03	63.440	15.840	0.392748	4	23.529
-0.5376880E 03	-0.4434604E 03	0.6969687E 03	219.514	43.903	0.739586	5	29.412
-0.3300862E 02	-0.4413051E 02	0.5510962E 02	233.204	38.867	0.058479	6	35.294
-0.1171592E C3	-0.5475007E 02	0.1293207E 03	205.047	29.257	0.137228	7	41.176
-0.3089825E 02	-0.5591248E 01	0.3140009E 02	190.257	23.792	0.033320	8	47.059
-0.1034437E 02	-0.4739502E 01	0.1137470E 02	204.575	22.731	0.012070	9	52.941
0.2004967E 02	0.1551294E 02	0.2535034E 02	37.730	3.773	0.076900	10	58.874

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 306 CR 48.1 TR 14 FL. BEND 185							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1657871E 04							
-0.2011019E 03	-0.7974771E 02	0.2533369E 03	201.631	201.631	0.83207	1	5.882
-0.7614822E C3	-0.6052002E 02	0.7638833E 03	184.544	92.272	1.000000	2	11.765
-0.3486109E 03	0.3896313E 03	0.5226877E 03	131.803	43.934	0.684251	3	17.647
0.4859315E 02	0.2791441E 03	0.2833418E 03	80.125	20.031	0.379923	4	23.529
-0.3530610E 03	-0.3652202E 03	0.5079741E 03	225.970	45.194	0.664989	5	29.412
0.1606709E C2	0.9381824E 02	0.9518417E 02	80.202	13.980	0.124886	6	35.294
-0.2379577E 03	-0.1055866E 03	0.2610161E 03	204.583	29.226	0.341496	7	41.176
0.3467952E 02	-0.7837846E 02	0.8568770E 02	293.837	36.730	0.112174	8	47.059
0.1161818E 02	0.9907885E 02	0.9975748E 02	83.313	9.237	0.130593	9	52.941
-0.1034321E C3	-0.4827494E 01	0.1055447E 04	182.672	18.267	0.135950	10	58.874

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 3

HARMONIC ANALYSIS MODEL RM-SIA SHIP 1002C T 502 CTR 306 CR 48.1 TR 1 CM. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2278054F 05							
0.4282872E 05	-0.2041114E 05	0.4744379E 05	334.519	334.519	1.000000	1	5.882
0.1722970E 05	0.3491231E 05	0.1271824E 05	15.933	7.966	0.268070	2	11.765
0.4517754E 04	-0.4546963E 04	0.6409684E 04	314.916	104.936	0.135101	3	17.647
0.5517278E 03	0.1113613E 03	0.5628540E 03	11.411	2.853	0.011864	4	23.529
-0.1552727E 04	-0.1897437E 04	0.2451782E 04	230.705	46.141	0.051678	5	29.412
-0.4414654E 03	0.6132053E 02	0.4457017E 03	172.092	28.697	0.009394	6	35.294
-0.2776213E 03	0.1953841E 02	0.2804274E 03	171.495	24.556	0.005911	7	41.176
-0.1486700E 03	-0.3511674E 03	0.3812393E 03	247.088	30.886	0.008036	8	47.059
0.4046572E 03	0.7402693E 03	0.8436504E 03	61.337	6.815	0.017782	9	52.941
0.2717556E 03	-0.1343188E 04	0.3031177E 03	333.698	33.370	0.006389	10	58.824

HARMONIC ANALYSIS MODEL RM-SIA SHIP 1002C T 502 CTR 306 CR 48.1 TR 5 CM. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1943.57F 05							
0.2581022E 05	-0.1097460E 05	0.2804655E 05	336.965	336.965	1.000000	1	5.882
0.8445991E 04	0.2316441E 04	0.8757793E 04	15.337	7.668	0.312259	2	11.765
0.4095474E 04	-0.3497184E 04	0.5386227E 04	319.512	104.904	0.192046	3	17.647
0.1162770E 04	0.1048168E 04	0.1565631E 04	42.027	10.507	0.055823	4	23.529
-0.2107012E 04	-0.3999795E 03	0.2146605E 04	190.739	38.148	0.076537	5	29.412
0.1840208E 03	0.4048247E 03	0.4446870E 03	65.555	10.926	0.015855	6	35.294
0.2458726E 03	0.4921365E 03	0.5592679E 03	61.638	8.805	0.014941	7	41.176
-0.1272492E 03	0.3244106E 03	0.3484746E 03	111.418	13.927	0.012425	8	47.059
-0.4788685E 02	0.2590985E 03	0.2634827E 03	100.467	11.163	0.009394	9	52.941
0.4276584E 01	-0.1190343E 02	0.3218878E 02	277.635	27.763	0.001148	10	58.824

HARMONIC ANALYSIS MODEL RM-SIA SHIP 1002C T 502 CTR 306 CR 48.1 TR 8 CM. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4414250E 04							
0.9357348E 04	-0.5074699E 04	0.1064483E 05	331.528	331.528	1.000000	1	5.882
0.1858641E 04	0.5635364E 03	0.3899574E 04	8.309	4.155	0.366335	2	11.765
0.1323079E 04	-0.2021213E 04	0.2415748E 04	303.208	101.069	0.226941	3	17.647
0.1137012E 04	0.9827664E 03	0.1502872E 04	40.838	10.210	0.141183	4	23.529
-0.1265166E 04	0.5332708E 03	0.1372961E 04	157.144	31.429	0.128976	5	29.412
0.4204417E 03	0.4293564E 03	0.6009309E 03	45.601	7.600	0.056453	6	35.294
0.5093679E 03	0.4753550E 03	0.7728462E 03	37.957	5.422	0.072603	7	41.176
0.2280410E 03	0.2489937E 03	0.3526045E 03	49.704	6.213	0.033124	8	47.059
-0.5241228E 03	-0.4188042E 01	0.5243394E 03	180.458	20.051	0.049258	9	52.941
-0.1253876E 03	0.2084685E 03	0.2432718E 03	121.026	12.103	0.022894	10	58.824

HARMONIC ANALYSIS MODEL RM-SIA SHIP 1002C T 502 CTR 306 CR 48.1 TR 12 CM. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4312588E 04							
0.3319172E 04	-0.2286505E 04	0.4030509E 04	325.438	325.438	1.000000	1	5.882
0.1566762E 04	0.1678066E 03	0.1575723E 04	4.113	3.057	0.390949	2	11.765
0.5769229E 03	-0.8124729E 03	0.9964290E 03	305.379	101.753	0.247222	3	17.647
0.5945093E 03	0.4561184E 03	0.7494448E 03	37.508	9.377	0.185943	4	23.529
-0.5788511E 03	0.2813767E 03	0.6436157E 03	154.076	30.815	0.159486	5	29.412
0.2521538E 03	0.3082747E 03	0.3982466E 03	50.715	8.453	0.098808	6	35.294
0.4199929E 03	0.1680395E 03	0.4527341E 03	21.924	3.132	0.112327	7	41.176
0.2011019E 03	0.1958929E 03	0.2807417E 03	44.248	5.531	0.069654	8	47.059
-0.4318047E 03	-0.1348478E 02	0.4320144E 03	181.786	20.198	0.107188	9	52.941
-0.3793509E 02	0.2492310E 03	0.2521015E 03	98.655	9.865	0.067548	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 8

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 507 CTR 306 CR 40.1 TR 9 TORSION 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2158504E C3							
0.1406648E 01	0.2907324E 02	0.1574919E 03	10.991	10.991	0.515362	1	5.882
0.1644525E 02	0.4402170E 02	0.0610008E 02	75.504	37.797	0.223392	2	11.765
-0.1493495E 03	0.1277629E 03	0.1965417E 03	139.454	46.485	0.664233	3	17.647
-0.5445905E C2	-0.1229415E 03	0.1344634E 03	246.100	41.927	0.454433	4	23.529
-0.2415455E 03	-0.1709049E 03	0.2958928E 03	215.281	43.056	1.000000	5	29.412
-0.1573227E 02	-0.0475146E 02	0.0663522E 02	256.344	42.724	0.225201	6	35.294
0.2100435E C2	0.2926473E 01	0.2208955E 02	7.613	1.000	0.076654	7	41.176
0.7592353E C1	-0.1966528E 02	0.2015033E 02	292.135	36.517	0.068100	8	47.059
-0.1697595E 02	0.2392046E 02	0.2933208E 02	125.363	13.929	0.099131	9	52.941
0.4616767E 01	-0.2624404E 01	0.5310614E 01	330.393	33.029	0.017948	10	58.824

HARMONIC ANALYSIS PCCEL XM-51A SHIP 1002C T 502 CTR 306 CR 40.1 TR 15 TORSION 185							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5050450E 02							
0.1704784E C3	0.8869519E 02	0.1921711E 03	27.487	27.487	1.000000	1	5.882
-0.2554544E C2	0.2590609E 02	0.3444533E 02	144.501	67.251	0.189650	2	11.765
-0.4141850E 02	0.4221887E 02	0.5914325E 02	134.452	44.817	0.307764	3	17.647
-0.1368713E 02	-0.2609480E 02	0.2946650E 02	247.322	60.981	0.153335	4	23.529
-0.0337727E 02	-0.7664604E 02	0.1132530E 03	272.591	44.919	0.509337	5	29.412
-0.1712705E C1	-0.2068011E 02	0.2065134E 02	266.573	44.429	0.149893	6	35.294
0.1681104E 02	-0.4403806E 01	0.1743001E 02	344.685	49.241	0.090780	7	41.176
0.2704024E 01	-0.5349549E 00	0.2794433E 01	348.809	43.601	0.014344	8	47.059
-0.1399042E 02	0.1969150E 02	0.2415547E 02	125.393	13.933	0.125698	9	52.941
0.1122100E C2	-0.3940002E 01	0.1189358E 02	340.654	34.065	0.061890	10	58.824

HARMONIC ANALYSIS PCCEL XM-51A SHIP 1002C T 502 CTR 306 CR 40.1 TR 29 PITCH LINE							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3013284E 02							
-0.5995822E 02	0.5307690E 02	0.7712636E 02	136.514	136.514	1.000000	1	5.882
0.2630150E C1	0.1055914E 02	0.1089177E 02	76.013	38.006	0.141890	2	11.765
0.5010762E 02	-0.3589262E 02	0.6117406E 02	324.995	100.922	0.793167	3	17.647
0.4696804E 01	0.3528600E 02	0.3659480E 02	74.634	18.659	0.474479	4	23.529
0.3063002E 02	0.1178081E 02	0.3281744E 02	21.038	4.268	0.425902	5	29.412
-0.5172721E 00	0.5269972E 01	0.5295296E 01	95.606	15.934	0.068657	6	35.294
0.1949360E 01	0.2145237E 00	0.1961127E 01	6.280	0.897	0.079427	7	41.176
0.1604662E 01	0.1326505E 01	0.1778493E 01	48.233	6.029	0.023859	8	47.059
-0.2478693E C0	0.6661868E 00	0.7108052E 00	110.409	12.268	0.009216	9	52.941
0.3576231E 01	0.1419047E 01	0.3847684E 01	21.643	2.144	0.049885	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 306 CR 40.1 TR 34 BLADE ANGLE							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1092869E 02							
0.0463554E C0	-0.5505827E 01	0.5570498E 01	278.739	278.739	1.000000	1	5.882
0.2833048E-01	0.3465477E-01	0.4474631E-01	50.726	25.363	0.009036	2	11.765
-0.2485051E-01	0.1057374E 00	0.1098701E 00	105.765	35.255	0.019724	3	17.647
-0.3574832E-01	-0.2461362E-01	0.4340245E-01	214.548	53.43	0.007791	4	23.529
0.5944543E-02	0.7240870E-01	0.6352875E-02	20.655	4.131	0.001140	5	29.412
0.2883485E-02	0.1588345E-01	0.1614312E-01	79.709	13.285	0.002898	6	35.294
0.4480917E-02	-0.1167224E-01	0.1250283E-01	291.001	41.972	0.002244	7	41.176
-0.1130597E-01	0.4119765E-02	0.1703317E-01	159.979	19.997	0.002160	8	47.059
-0.4713349E-02	-0.2140048E-01	0.2191137E-01	257.579	28.670	0.003934	9	52.941
-0.1210043E-01	0.2476242E-02	0.1235120E-01	168.435	16.843	0.002217	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 11

HARMONIC ANALYSIS MODEL XM-51A SHIP 1007C T 504 CTR 269 CR 62.0 TR 7 FL. BEND 6

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.6929930E 04							
-0.4639990E 04	-0.9572746E 04	0.1063782E 05	244.142	244.142	1.000000	1	5.917
-0.2030380E 04	0.3871800E 03	0.2066890E 04	169.203	44.667	0.194296	2	11.834
0.2203732E 04	-0.2073330E 04	0.3025750E 04	316.747	105.582	0.284434	3	17.751
0.2549912E 03	0.1089000E 04	0.1119327E 04	76.432	19.208	0.105221	4	23.669
0.1627940E 02	-0.1878100E 04	0.1878176E 04	270.497	94.049	0.176956	5	29.586
0.3896660E 03	0.5323174E 01	0.3097114E 03	0.945	0.144	0.029114	6	35.503
0.1060634E 03	-0.4863020E 02	0.1166259E 03	335.356	47.968	0.010963	7	41.420
0.1960291E 03	-0.1770175E 01	0.2441260E 03	317.917	39.740	0.074829	8	47.337
0.1239193E 02	0.6799370E 01	0.1390115E 02	76.944	7.944	0.001307	9	53.254
-0.6986190E 02	-0.4853384E 02	0.4441016E 02	215.098	21.510	0.007935	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1007C T 504 CTR 269 CR 62.0 TR 4 FL. BEND 45

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.5330035E 04							
0.4327397E 03	-0.2684190E 04	0.2699113E 04	279.224	279.224	1.000000	1	5.917
-0.2249977E 02	-0.1045414E 03	0.1069352E 03	257.854	128.927	0.039615	2	11.834
-0.3159695E 02	-0.7988880E 02	0.8591113E 02	248.419	42.806	0.031829	3	17.751
0.4506045E 01	-0.2688906E 03	0.2688894E 03	270.977	67.744	0.099021	4	23.669
-0.8815103E 02	0.7343206E 03	0.7346816E 03	96.229	19.244	0.027167	5	29.586
-0.9673547E 02	-0.6952892E 02	0.1191304E 03	215.707	35.951	0.044137	6	35.503
-0.1687190E 04	0.1121640E 03	0.1959905E 03	145.089	20.727	0.072613	7	41.420
-0.1612699E 03	0.4789936E 02	0.1491678E 03	161.272	20.159	0.055265	8	47.337
-0.3901120E 02	0.3564354E 02	0.5346930E 02	138.127	15.347	0.019010	9	53.254
-0.3283775E 02	0.1174536E 03	0.1217433E 03	105.255	10.526	0.045105	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1007C T 504 CTR 269 CR 62.0 TR 6 FL. BEND 73

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2157725E 04							
0.3411169E 03	-0.8829623E 03	0.9464705E 03	291.125	291.125	1.000000	1	5.917
-0.1282109E 03	-0.6394406E 02	0.1432730E 03	206.508	103.254	0.151376	2	11.834
-0.4624907E 03	0.1053246E 03	0.4984333E 03	150.177	52.724	0.526623	3	17.751
-0.7417560E 02	-0.1650511E 03	0.1809527E 03	245.800	81.450	0.191187	4	23.669
0.6313541E 02	0.9022222E 03	0.5061748E 03	82.835	16.567	0.534802	5	29.586
-0.4395482E 02	0.1924264E 02	0.4798231E 02	156.357	26.060	0.050696	6	35.503
0.6506789E 02	-0.7620924E 02	0.1001946E 03	310.482	44.355	0.105061	7	41.420
0.4743484E 02	0.3027728E 02	0.5627412E 02	32.550	4.069	0.059457	8	47.337
-0.4113573E 02	-0.1364490E 02	0.4333974E 02	199.351	22.035	0.045791	9	53.254
0.2436115E 02	-0.4866110E 02	0.5441844E 02	296.594	25.659	0.057496	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1007C T 504 CTR 269 CR 62.0 TR 7 FL. BEND 115

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1027790E 03							
0.3242415E 03	-0.7486465E 03	0.8140105E 03	293.473	293.473	0.996355	1	5.917
-0.4182307E 03	-0.5767241E 02	0.4221842E 03	197.851	93.926	0.511475	2	11.834
-0.6853590E 03	0.4907344E 03	0.8252715E 03	146.147	48.714	1.000000	3	17.751
-0.8854649E 02	0.4404700E 02	0.9889700E 02	153.552	38.388	0.119836	4	23.669
-0.2353392E 02	-0.2878041E 03	0.2041348E 03	263.533	52.707	0.235413	5	29.586
0.8588034E 02	0.9814729E 01	0.8627257E 02	5.998	1.000	0.104538	6	35.503
0.1535940E 03	-0.1178300E 02	0.1540392E 03	355.643	50.806	0.186653	7	41.420
0.1359805E 03	-0.6851705E 02	0.1521509E 03	333.345	41.668	0.184364	8	47.337
-0.2623610E 02	-0.1879900E 02	0.2641751E 02	220.023	24.447	0.032011	9	53.254
-0.4275594E 02	0.1048775E 02	0.4402333E 02	166.210	16.622	0.053344	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 11

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 10 FL. BEND 140							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.109008E 04	-0.7096135E 03	0.7620737E 03	291.383	291.383	0.805247	1	5.917
0.2778587E 03	-0.1870609E 03	0.7185347E 03	195.070	97.545	0.759241	2	11.834
-0.6937583E 03	0.5874233E 03	0.9463853E 03	141.633	47.211	1.000000	3	17.751
-0.7420103E 03	0.2056750E 03	0.2058001E 03	80.002	22.001	0.217459	4	23.669
0.7174635E 01	-0.5400046E 03	0.5491550E 03	290.474	96.099	0.580267	5	29.586
0.9983044E 02	-0.5018472E 02	0.4755663E 02	312.025	52.004	0.071384	6	35.503
0.4522601E 02	0.8398179E 01	0.5413397E 02	8.925	1.275	0.057201	7	41.420
0.5347858E 02	-0.1077720E 02	0.4593875E 02	193.568	24.176	0.049541	8	47.337
-0.4465671E 02	0.1864609E 02	0.6904895E 02	164.335	18.259	0.072961	9	53.254
-0.6668372E 02	0.7777979E 02	0.8282617E 02	110.104	11.010	0.087518	10	59.172

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 11 FL. BEND 157							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1823149E 04	-0.6755239E 03	0.7253540E 03	291.361	291.361	0.753637	1	5.917
0.2647083E 03	-0.2890144E 03	0.8861682E 03	199.492	99.746	0.899942	2	11.834
-0.8165283E 03	0.4584781E 03	0.9624714E 03	151.552	50.517	1.000000	3	17.751
-0.8462561E 03	0.4161627E 03	0.4235996E 03	100.680	25.170	0.440117	4	23.669
0.7849966E 02	-0.8008264E 03	0.8187100E 03	278.912	55.787	0.850633	5	29.586
0.1268312E 03	-0.2884847E 01	0.3059575E 01	290.552	48.425	0.003179	6	35.503
0.1074082E 01	-0.1877544E 02	0.1574499E 03	188.849	24.653	0.163589	7	41.420
-0.1563265E 03	-0.2390051E 02	0.1598008E 03	189.844	23.730	0.145252	8	47.337
-0.1377426E 03	0.3437201E 02	0.3370956E 02	74.249	8.252	0.037102	9	53.254
0.9621866E 01	0.2887183E 02	0.3325952E 02	119.764	11.976	0.034556	10	59.172

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 13 FL. BEND 172							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1977436E 04	-0.4399976E 03	0.4550491E 03	284.778	284.778	0.576146	1	5.917
0.1160693E 03	-0.1677879E 03	0.7348604E 03	193.199	56.559	0.930420	2	11.834
-0.7154490E 03	0.2957065E 03	0.7898159E 03	158.013	52.671	1.000000	3	17.751
-0.7323738E 03	0.4642849E 03	0.3501414E 03	95.903	23.976	0.443320	4	23.669
-0.3601074E 03	-0.6011230E 03	0.6097327E 03	279.640	55.928	0.771993	5	29.586
0.1021074E 03	-0.7542984E 02	0.7714767E 02	277.886	42.981	0.097678	6	35.503
-0.1818968E 02	-0.1595082E 02	0.2006872E 03	184.559	26.366	0.254094	7	41.420
-0.2500523E 01	0.2755623E 02	0.1373735E 03	170.549	21.319	0.173931	8	47.337
-0.1355090E 03	0.4494562E 02	0.8842447E 02	71.893	7.988	0.111956	9	53.254
0.2748138E 02	0.7674764E 01	0.3947588E 02	11.211	1.121	0.049981	10	59.172

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 14 FL. BEND 185							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1794332E 04	-0.2873857E 03	0.2979744E 03	254.680	254.680	0.529101	1	5.917
-0.7877867E 03	-0.1117919E 03	0.5598479E 03	191.466	45.733	0.984584	2	11.834
-0.5486748E 03	0.1960271E 03	0.5674612E 03	159.791	53.264	1.000000	3	17.751
-0.5325276E 03	0.2674220E 03	0.2495552E 03	83.499	20.875	0.475020	4	23.669
0.3051974E 02	-0.3400801E 03	0.3528835E 03	285.481	57.094	0.621864	5	29.586
0.9419330E 02	-0.1882455E 03	0.2153668E 03	240.935	40.154	0.379527	6	35.503
-0.1046294E 03	-0.4887548E 02	0.2549185E 03	190.605	27.229	0.466845	7	41.420
-0.2603938E 03	0.1082959E 03	0.1870665E 03	144.626	18.078	0.329655	8	47.337
-0.1525318E 03	0.4706831E 02	0.5998355E 02	51.592	5.744	0.105709	9	53.254
0.3718335E 02	-0.5281168E 02	0.5893779E 02	296.355	29.636	0.103862	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 11

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 1 CM. BEND 6							
AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1476059E 05							
C.3882672E 05	-0.4395441E 04	0.3907472E 05	313.541	303.541	1.000000	1	5.917
0.1076701E 05	0.7587484E 04	0.1107355E 05	13.513	6.756	0.283396	2	11.834
0.3778045E 04	-0.1122639E 04	0.3893409E 04	343.241	114.414	0.099640	3	17.751
0.2858027E 03	0.2010611E 02	0.2865090E 03	4.024	1.006	0.007332	4	23.669
0.3504871E 03	-0.7189832E 03	0.2217702E 03	279.093	55.819	0.056755	5	29.586
0.4334874E 02	-0.1919217E 03	0.2133297E 03	295.949	49.325	0.005485	6	35.503
0.3049075E 03	-0.4332595E 03	0.5297944E 03	305.136	43.551	0.013558	7	41.420
0.2004715E 03	-0.7256150E 03	0.7529053E 03	285.474	35.684	0.019264	8	47.337
-0.4312717E 03	-0.4336279E 03	0.6144211E 03	275.419	25.947	0.015724	9	53.254
-0.2814166E 03	-0.1231227E 03	0.3072266E 03	203.625	20.763	0.007863	10	59.172

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 5 CM. BEND 45							
AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
C.1677255E 05							
0.7387176E 05	-0.1172173E 04	0.2390052E 05	357.189	357.189	1.000000	1	5.917
0.7390328E 04	0.1675213E 04	0.7577812E 04	12.772	6.386	0.317056	2	11.834
0.2999643E 04	-0.5667014E 03	0.3052725E 04	349.302	116.424	0.127726	3	17.751
-0.1164080E 03	0.6870859E 03	0.6722415E 03	99.972	24.993	0.028127	4	23.669
-0.1242300E 04	-0.1517936E 04	0.1961489E 04	237.703	46.141	0.082049	5	29.586
0.3092456E 03	-0.7232053E 02	0.3175894E 03	346.837	57.806	0.013288	6	35.503
0.2136389E 03	-0.2870715E 03	0.3578430E 03	306.656	43.808	0.014972	7	41.420
-0.9977007E 02	0.2300737E 02	0.1023885E 03	147.014	20.877	0.004284	8	47.337
0.6163042E 02	-0.1899605E 03	0.1997080E 03	297.975	31.957	0.008356	9	53.254
0.9520345E 02	-0.2806000E 02	0.9925249E 02	343.578	34.358	0.004153	10	59.172

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 8 CM. BEND 115							
AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.8049266E 04							
0.9111723E 04	-0.1382424E 04	0.9215992E 04	351.373	351.373	1.000000	1	5.917
0.3421288E 04	0.7849084E 03	0.3433130E 04	4.750	2.380	0.372519	2	11.834
0.1153551E 04	-0.6675029E 03	0.1332756E 04	329.944	109.981	0.144613	3	17.751
0.2103306E 03	0.5326069E 03	0.5726333E 03	111.549	27.897	0.062135	4	23.669
-0.9258193E 03	-0.4658308E 03	0.1036407E 04	206.709	41.347	0.112457	5	29.586
0.1202363E 03	-0.3065586E 03	0.3292952E 03	291.416	48.569	0.035731	6	35.503
0.9561520E 02	-0.1590365E 03	0.1856694E 03	301.268	43.010	0.020146	7	41.420
0.2951880E 02	0.4443049E 03	0.4472151E 03	86.344	10.753	0.048528	8	47.337
0.4434451E 03	0.7571056E 02	0.4498616E 03	9.689	1.077	0.049913	9	53.254
0.3111719E 03	0.2740479E 02	0.3373035E 03	4.730	0.473	0.036057	10	59.172

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 12 CM. BEND 157							
AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.5538289E 04							
0.3569778E 04	-0.6472114E 03	0.3627974E 04	349.724	349.724	1.000000	1	5.917
0.1631332E 04	-0.9955034E 02	0.1634366E 04	356.508	178.254	0.450490	2	11.834
0.1923923E 03	-0.7919221E 02	0.4053037E 03	348.590	116.157	0.110139	3	17.751
-0.1956873E 03	0.3453765E 03	0.3969587E 03	119.535	29.894	0.109416	4	23.669
-0.2578020E 03	0.7355435E 02	0.2680894E 03	164.074	32.315	0.073895	5	29.586
0.5949499E 02	-0.2247044E 03	0.2324472E 03	284.830	47.472	0.064071	6	35.503
0.1667596E 03	-0.6793880E 02	0.1800679E 03	337.834	48.262	0.049633	7	41.420
0.8959037E 00	0.7394093E 03	0.2394109E 03	89.786	11.223	0.065590	8	47.337
0.2740894E 03	0.2090488E 03	0.3447119E 03	37.333	4.148	0.095015	9	53.254
0.2222640E 03	0.4839436E 02	0.2274715E 03	12.284	1.228	0.062699	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 11

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 9 TORSION 115							
AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.3428183F C2							
0.0112643F C2	0.0527077F C2	0.1176973E C1	46.427	46.427	0.226887	1	5.917
-0.2639514F C2	0.4556249E C2	0.5245599E C2	120.085	60.042	0.280439	2	11.834
-0.0720724F C2	-0.3319083E C0	0.0720724F C2	180.218	60.073	0.464492	3	17.751
0.3849697E C1	-0.7769749E C2	0.7779274E C2	272.836	60.209	0.414344	4	23.669
0.2711511E C2	-0.1864419E C1	0.1877490E C3	276.765	55.353	1.000000	5	29.586
0.3898160E C2	-0.7642639F C1	0.3972568E C2	348.908	58.151	0.211589	6	35.503
0.4939850F C2	0.1870735E C2	0.5257834E C2	20.028	2.061	0.280046	7	41.420
-0.0899040F C1	0.2547854E C2	0.2698798E C2	109.253	13.657	0.141745	8	47.337
0.1096845E C2	0.1686484E C1	0.1109794E C2	8.741	0.971	0.09911C	9	53.254
0.4155914E C1	-0.6741604E C1	0.7919644E C1	301.652	30.165	0.042182	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 15 TORSION 185							
AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.6759273F C2							
0.6672803E C2	0.7907790E C2	0.1034695E C3	49.841	49.841	1.000000	1	5.917
-0.7337997E C2	-0.1091078E C2	0.2590954E C2	205.017	102.509	0.249396	2	11.834
-0.1250020E C2	-0.9917215E C1	0.1535492E C2	215.503	71.834	0.14046C	3	17.751
0.2129059E C2	-0.3326959E C1	0.2144895E C2	351.118	87.709	0.200266	4	23.669
0.5299776F C1	-0.6509174F C2	0.6530711E C2	274.655	54.931	0.631172	5	29.586
-0.7490002E C1	-0.6311727F C1	0.6741469E C1	248.549	41.425	0.065561	6	35.503
0.6105611E C1	0.9200184F C1	0.1104189F C2	56.430	8.061	0.106716	7	41.420
-0.3082474E C1	0.1718150E C2	0.1745581E C2	100.171	12.521	0.168705	8	47.337
0.1199604E C2	-0.6909298E C1	0.1384351E C2	330.060	36.673	0.133793	9	53.254
0.3669544E C1	0.1699907E C1	0.3864657E C1	26.232	2.623	0.037167	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 29 PITCH LINK							
AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.4320359E C2							
-0.3183397F C1	0.2360667E C2	0.2382033E C2	97.680	97.680	1.000000	1	5.917
-0.1475369E C1	0.6500223E C1	0.6665554E C1	102.788	51.394	0.279826	2	11.834
0.2037511E C2	0.9447299E C1	0.2207544E C2	22.498	7.499	0.926748	3	17.751
-0.1914807E C2	0.5572892E C1	0.1994312E C2	163.773	40.943	0.037231	4	23.669
0.1709742E C1	0.1951106E C2	0.1954852E C2	86.452	17.250	0.820446	5	29.586
0.7660135E C1	-0.1872525E C1	0.7885683E C1	346.263	57.711	0.331048	6	35.503
0.1233360F C1	0.1957894E C1	0.2230013E C1	56.422	8.060	0.093618	7	41.420
-0.1440071E C1	-0.9326026E C0	0.1715635E C1	212.928	26.616	0.072024	8	47.337
0.7263477F C1	0.1819309F C1	0.2403999E C1	18.791	4.310	0.121913	9	53.254
0.1796906F C2	0.4783749E C0	0.1859492E C1	14.908	1.491	0.078063	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 504 CTR 269 CR 62.0 TR 34 BLADE ANGLE							
AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.9534496F C1							
0.1317334F C1	-0.3075764F C1	0.3302169E C1	293.436	293.436	1.000000	1	5.917
0.0137560F C1	0.3585100E C2	0.0145452E C1	7.523	1.261	0.024667	2	11.834
-0.9462487E C2	-0.1522544E C1	0.1722630E C1	238.139	79.380	0.009429	3	17.751
0.1345854E C1	-0.4355799E C1	0.4558391E C1	287.146	71.786	0.013804	4	23.669
-0.7311919E C1	0.1756823E C1	0.7521439E C1	166.510	57.502	0.022777	5	29.586
-0.2222692E C1	-0.5659704E C1	0.6117847E C1	247.687	7.281	0.018927	6	35.503
0.2506019E C1	-0.3729235E C1	0.4493041E C1	303.901	4.514	0.013606	7	41.420
0.3007017E C1	-0.3204920E C2	0.3074043E C1	353.916	44.240	0.009158	8	47.337
-0.9994941E C2	0.2379521E C1	0.2505685E C1	111.961	12.440	0.007770	9	53.254
-0.7932138F C1	0.1493744E C1	0.3290701E C1	153.004	15.300	0.009965	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 14

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1360554E 09							
-0.2066644E 04	-0.7393187E 04	0.7929492E 04	249.807	248.807	1.000000	1	5.882
0.1589131E 04	0.4175962E 03	0.1643083E 04	14.723	7.362	0.207212	2	11.765
-0.7623633E 02	0.5131296E 03	0.5187617E 03	98.451	32.817	0.065422	3	17.647
-0.1128216E 03	-0.2113391E 03	0.2399682E 03	241.905	68.476	0.096212	4	23.529
0.2695004E 02	0.3181041E 03	0.3186720E 03	64.233	17.247	0.040214	5	29.412
-0.4358391E 02	-0.3397124E 02	0.5919632E 02	217.949	36.331	0.006961	6	35.294
0.6919379E 01	0.3547559E 02	0.3614407E 02	78.963	11.200	0.006558	7	41.176
-0.0024261E 02	-0.1703883E 02	0.4370114E 02	202.948	29.368	0.005311	8	47.059
-0.5162065E 02	-0.1000552E 02	0.5467073E 02	199.239	22.137	0.006095	9	52.941
-0.1060000E 02	0.7697482E 01	0.1316558E 02	144.721	14.422	0.001660	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2576753E -04							
-0.4971865E 03	-0.1094227E 04	0.2018478E 04	255.749	255.740	1.000000	1	5.882
0.1175710E 03	0.2403304E 02	0.1200061E 03	11.562	5.781	0.059955	2	11.765
-0.9222205E 02	-0.6924467E 02	0.1153244E 03	216.901	72.388	0.007136	3	17.647
-0.7252943E 02	0.7282654E 02	0.1032900E 03	159.170	33.792	0.056178	4	23.529
-0.4828139E 02	-0.9340500E 02	0.1051080E 03	242.784	48.541	0.052875	5	29.412
-0.1498173E 02	0.4360693E 02	0.4597986E 02	188.493	18.882	0.022730	6	35.294
-0.6279492E 02	-0.2637012E 02	0.6610713E 02	282.779	26.968	0.033763	7	41.176
0.6039505E 02	0.3270942E 02	0.7403516E 02	26.272	3.284	0.036679	8	47.059
0.1645619E 02	0.5647699E 02	0.5001723E 02	73.783	8.198	0.029140	9	52.941
0.2764118E 02	0.3754413E 02	0.4662108E 02	53.638	5.364	0.023098	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1071524E 04							
-0.9905108E 00	-0.7073600E 03	0.7076536E 03	269.230	269.230	1.000000	1	5.882
-0.1200090E 00	-0.9404687E 02	0.1531813E 03	217.900	100.950	0.210051	2	11.765
0.7271194E 01	-0.8971907E 02	0.9801510E 02	274.639	91.544	0.127199	3	17.647
-0.7040909E 01	-0.7463901E 01	0.1026630E 02	226.626	36.659	0.014908	4	23.529
0.1537991E 02	-0.1344365E 00	0.1353190E 03	276.525	55.305	0.191214	5	29.412
0.3036211E 02	-0.1459799E 01	0.3039717E 02	357.267	59.541	0.042955	6	35.294
-0.2350000E 01	-0.2798330E 01	0.3677908E 01	229.591	32.793	0.008197	7	41.176
0.4695402E 01	-0.1400011E 02	0.1400040E 02	230.443	36.095	0.020974	8	47.059
-0.0010007E 01	-0.2524608E 02	0.2595300E 02	294.990	28.510	0.030676	9	52.941
-0.1340937E 02	-0.2100917E 02	0.2400130E 02	237.990	23.795	0.035316	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4900013E 00							
0.1673000E 00	-0.0013674E 03	0.4967981E 03	292.562	292.562	1.000000	1	5.882
-0.2567230E 00	-0.0023799E 02	0.2095737E 03	197.762	98.881	0.617161	2	11.765
-0.4092104E 01	-0.0001004E 02	0.0092735E 02	267.066	89.822	0.203590	3	17.647
0.4092104E 01	-0.1797336E 02	0.4433284E 02	336.000	84.320	0.101496	4	23.529
0.1595959E 01	0.2407197E 02	0.2471033E 02	86.438	17.286	0.004982	5	29.412
0.7100018E 01	-0.0439830E 01	0.7435590E 01	310.006	53.811	0.022085	6	35.294
0.4133000E 01	0.1005102E 02	0.4257291E 02	13.662	1.900	0.097000	7	41.176
-0.1741400E 01	-0.4130040E 01	0.1780903E 02	195.343	24.168	0.040976	8	47.059
-0.1652022E 02	-0.5090010E 01	0.1567889E 02	282.000	22.453	0.035893	9	52.941
-0.0006390E 00	0.1013150E 02	0.1016981E 02	94.969	9.497	0.023203	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 16

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 10 PL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1435974E 04	-0.2987439E 03	0.3177854E 03	289.935	289.935	1.000000	1	5.882
0.1083501E 03	-0.6391797E 02	0.2459009E 03	195.066	97.533	0.773706	2	11.765
-0.2374485E 03	-0.6483748E 02	0.6476376E 02	278.602	92.867	0.203803	3	17.647
0.9605669E 01	-0.7138638E 01	0.4003903E 02	351.454	87.864	0.191168	4	23.529
0.4750642E 02	0.1158730E 03	0.1160794E 03	93.630	18.726	0.365320	5	29.412
-0.7349634E 01	0.1782200E 01	0.1578010E 02	175.515	28.919	0.049036	6	35.294
-0.1567812E 02	0.6613491E 01	0.1219497E 02	32.435	4.691	0.038381	7	41.176
0.1024830E 02	0.6277713E 00	0.2100619E 02	1.869	0.234	0.064354	8	47.059
0.2107507E 02	0.1335007E 02	0.1643260E 02	53.384	5.931	0.052339	9	52.941
0.9020776E 01	0.3489007E 02	0.3414320E 02	86.603	8.689	0.187441	10	58.824
0.1004337E 01							

HARMONIC ANALYSIS MODEL AM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 11 PL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1820000E 04	-0.2354551E 03	0.2411721E 03	282.500	282.500	1.000000	1	5.882
0.3220001E 02	-0.4558105E 02	0.2106263E 03	192.498	96.249	0.873344	2	11.765
-0.2056351E 03	-0.2492732E 02	0.2056292E 02	240.704	80.235	0.118517	3	17.647
-0.1398619E 02	0.1575955E 02	0.5177921E 02	17.720	4.430	0.214498	4	23.529
0.4032249E 02	0.1638959E 03	0.1659195E 03	96.466	18.193	0.687971	5	29.412
-0.2708304E 01	-0.6998200E 01	0.3699214E 02	190.892	31.813	0.193385	6	35.294
-0.3632570E 02	-0.1395103E 02	0.2713789E 02	218.536	30.134	0.112323	7	41.176
-0.2327734E 02	0.4822713E 01	0.3133215E 02	8.054	1.187	0.129917	8	47.059
0.3095097E 02	-0.9025922E 01	0.1240922E 02	318.213	34.468	0.032266	9	52.941
0.8138304E 01	-0.8100605E 01	0.1909977E 02	328.948	32.899	0.065761	10	58.824
0.1950712E 02							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 13 PL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1622220E 04	-0.1205007E 03	0.1284614E 03	290.173	290.173	0.981134	1	5.882
0.4430142E 02	-0.5189623E 01	0.1854420E 03	182.773	91.387	0.809603	2	11.765
-0.1853589E 03	0.1442577E 02	0.4395216E 02	160.040	53.613	0.335673	3	17.647
-0.6151735E 02	0.1160042E 02	0.4237602E 02	16.011	4.003	0.323640	4	23.529
0.4073216E 02	0.1302163E 03	0.1309352E 03	83.993	16.799	1.000000	5	29.412
0.1370309E 02	-0.4211734E 01	0.4595386E 02	185.253	30.876	0.350960	6	35.294
-0.9379466E 02	-0.2941909E 02	0.5186646E 02	214.597	38.681	0.396122	7	41.176
-0.4271333E 02	0.1711123E 02	0.5244411E 02	19.043	2.300	0.400334	8	47.059
0.4097410E 02	-0.1006249E 02	0.1918929E 02	273.888	38.424	0.145916	9	52.941
0.1578809E 01	-0.3067491E 02	0.3591870E 02	301.390	30.135	0.274924	10	58.824
0.1060690E 02							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 14 PL. BEND 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1208311E 04	-0.7051079E 02	0.7329720E 02	285.338	285.338	0.822626	1	5.882
0.2000340E 02	-0.4680900E 01	0.4775152E 01	281.997	140.999	0.893373	2	11.765
0.921336E 00	-0.1904922E 01	0.2332274E 02	183.820	61.387	0.261762	3	17.647
-0.2326817E 02	-0.8618171E 01	0.3275510E 02	344.618	86.155	0.347534	4	23.529
0.3150185E 02	0.8004394E 02	0.8004394E 02	94.316	18.863	1.000000	5	29.412
-0.6704392E 01	-0.1639406E 02	0.3513297E 02	207.516	34.636	0.394353	6	35.294
-0.3107347E 02	-0.2572777E 02	0.5762291E 02	200.518	29.583	0.846747	7	41.176
-0.5156047E 02	-0.0059150E 01	0.1473118E 02	326.833	48.054	0.165340	8	47.059
0.1233110E 02	-0.3389247E 02	0.3313780E 02	267.009	26.644	0.371931	9	52.941
-0.1729279E 01	-0.2882672E 02	0.3298399E 02	290.935	29.063	0.369693	10	58.824
0.1593609E 02							

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 10

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 1 CH. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1500038E 04							
0.1630151E 05	0.4000941E 04	0.1619914E 05	24.142	24.142	1.000000	1	5.882
0.2010734E 04	0.3790727E 04	0.4302695E 04	62.019	31.009	0.236944	2	11.765
0.1504260E 03	0.9236197E 02	0.1839835E 03	30.242	10.081	0.010099	3	17.667
0.9550333E 02	-0.3453580E 02	0.1023281E 03	399.081	84.770	0.005635	4	23.529
-0.1982693E 03	0.3842944E 02	0.2019592E 03	169.031	37.806	0.011122	5	29.412
-0.4271559E 02	-0.9826648E 02	0.1071491E 03	244.504	41.004	0.005901	6	35.294
0.7149020E 02	-0.1590318E 03	0.1743452E 03	294.194	42.028	0.009401	7	41.176
0.2200832E 03	-0.3772477E 05	0.4372403E 03	300.219	37.527	0.024080	8	47.059
0.1005291E 03	-0.4005426E 02	0.1285281E 03	327.608	34.401	0.007078	9	52.941
-0.7483951E 02	-0.6342086E 02	0.1119439E 03	227.420	22.742	0.006254	10	58.824

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 5 CH. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1029003E 05							
0.1032111E 05	0.5840191E 04	0.1106782E 05	29.537	29.537	1.000000	1	5.882
0.1494309E 04	0.2378562E 04	0.2787934E 04	58.557	29.279	0.235014	2	11.765
-0.1347844E 03	0.1018377E 03	0.1705313E 03	143.532	47.777	0.014375	3	17.667
0.1825607E 02	0.4443035E 02	0.4003476E 02	67.643	14.916	0.004049	4	23.529
-0.7815179E 02	0.1126345E 03	0.1370919E 03	124.755	24.951	0.011556	5	29.412
-0.3315161E 02	-0.0149999E 02	0.0026413E 02	247.953	41.325	0.007440	6	35.294
0.1190799E 03	-0.0146000E 02	0.1304634E 03	331.895	47.413	0.010998	7	41.176
-0.1334470E 08	0.2900311E 01	0.1394799E 05	178.752	22.344	0.011232	8	47.059
-0.1914040E 02	-0.3005696E 02	0.4259944E 02	243.300	27.033	0.005591	9	52.941
-0.1911929E 02	-0.2424294E 02	0.2007400E 02	231.759	23.174	0.007403	10	58.824

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 8 CH. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1144501E 05							
0.3027489E 04	0.1770197E 04	0.4219670E 04	24.095	24.095	1.000000	1	5.882
0.7703499E 03	0.0063354E 03	0.1174316E 04	44.009	24.302	0.278295	2	11.765
-0.4151790E 02	-0.0612942E 01	0.4240106E 02	191.720	63.907	0.010049	3	17.667
0.7504004E 02	0.7218239E 02	0.1045612E 03	43.657	10.914	0.024779	4	23.529
-0.9574970E 01	0.4425719E 02	0.4528110E 02	182.200	20.442	0.010731	5	29.412
-0.4047211E 02	-0.2411432E 02	0.9413911E 02	204.450	34.400	0.012030	6	35.294
0.1723012E 03	-0.0001373E 02	0.1945829E 02	332.312	47.473	0.046113	7	41.176
-0.1394303E 03	0.2331214E 05	0.2717422E 03	126.821	19.115	0.040390	8	47.059
-0.1649485E 03	-0.3709100E 02	0.1710142E 03	192.525	21.392	0.040528	9	52.941
0.5755099E 01	-0.4379019E 02	0.4416670E 02	277.467	27.749	0.010467	10	58.824

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 12 CH. BEND 187							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.6804293E 04							
0.1334260E 04	0.5648271E 03	0.1450731E 04	22.913	22.913	1.000000	1	5.882
0.2814144E 00	0.1040730E 03	0.3372570E 03	33.445	16.722	0.232476	2	11.765
-0.6497810E 02	-0.1312045E 03	0.1473075E 03	242.971	60.990	0.101595	3	17.667
3.7327294E 01	0.4953744E 02	0.3004494E 02	61.581	20.395	0.034498	4	23.529
-0.1440045E 02	0.4011044E 02	0.4905901E 02	182.104	20.421	0.040016	5	29.412
-0.4420790E 01	-0.2474562E 01	0.9740945E 01	194.717	32.453	0.006714	6	35.294
0.2450042E 03	-0.4914000E 01	0.2459534E 03	350.855	51.265	0.169524	7	41.176
-0.9042239E 02	0.1156443E 03	0.1513370E 03	129.578	16.197	0.104310	8	47.059
-0.1212264E 03	-0.1222018E 03	0.1721311E 03	225.230	25.025	0.110651	9	52.941
-0.1992944E 02	-0.1353776E 02	0.2409261E 02	214.100	21.419	0.016607	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 16

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 9 TORSION 115

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1201212E 01	0.4490945E 02	0.4712726E 02	81.405	84.409	0.681527	1	5.882
0.4525724E 01	-0.3993944E 02	0.0914954E 02	214.872	107.434	1.000000	2	11.765
-0.5673279E 02	-0.3096183E 02	0.3168138E 02	289.545	95.532	0.458157	3	17.647
0.9048197E 01	-0.2110007E 01	0.2464174E 02	142.005	40.521	0.420074	4	23.529
-0.2820450E 02	0.2704394E 02	0.2004623E 02	70.886	19.377	0.405506	5	29.412
-0.3362337E 01	0.6482809E 01	0.1630171E 02	176.703	26.117	0.237047	6	35.294
-0.1505525E 02	-0.4494423E 01	0.8744512E 01	217.463	31.067	0.117781	7	41.176
-0.6464271E 01	-0.1001737E 02	0.1535177E 02	220.732	27.591	0.222000	8	47.059
-0.1163310E 02	-0.2475604E 02	0.2459982E 02	260.410	28.934	0.355746	9	52.941
-0.4090344E 01	-0.6202711E 01	0.7067875E 01	241.353	24.135	0.102211	10	58.824

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 15 TORSION 105

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.151302E 03	0.3415031E 02	0.3878233E 02	68.770	48.770	0.944727	1	5.882
0.1404367E 02	-0.2744940E 02	0.4105135E 02	222.002	111.001	1.000000	2	11.765
-0.3736630E 02	-0.1216040E 02	0.1221573E 02	285.011	68.337	0.297572	3	17.647
-0.1142340E 01	0.1006300E 01	0.1340830E 02	173.635	43.409	0.230055	4	23.529
-0.604255E 01	0.1064840E 02	0.1171480E 02	114.942	22.812	0.209559	5	29.412
-0.1013567E 02	0.0961480E 02	0.1292737E 02	147.929	24.987	0.314007	6	35.294
-0.400795E 01	-0.6004100E 02	0.7700970E 01	231.095	33.100	0.104703	7	41.176
-0.324306E 01	-0.3370000E 01	0.4087033E 01	226.116	28.205	0.114109	8	47.059
-0.2021745E 01	-0.1076385E 02	0.1095310E 02	259.331	28.015	0.200017	9	52.941
-0.275074E 01	-0.0957270E 01	0.1023608E 02	254.345	25.434	0.249547	10	58.824

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 29 PITCH LINE

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5040125E 02	0.171293E 02	0.3630945E 02	29.874	29.874	1.000000	1	5.882
0.2001975E 02	0.0362217E 01	0.1011916E 02	55.520	27.764	0.294252	2	11.765
0.572704E 01	-0.050203E 00	0.4643632E 01	191.421	63.974	0.133931	3	17.647
-0.4943400E 01	-0.7300510E 01	0.1571864E 02	331.914	82.978	0.390045	4	23.529
0.1330093E 01	-0.000095E 01	0.0231674E 01	281.320	54.266	0.239946	5	29.412
0.1704322E 01	-0.4075741E 01	0.4925002E 01	304.152	98.692	0.143219	6	35.294
-0.0014511E 00	-0.2300701E 01	0.2635070E 01	255.462	34.480	0.076624	7	41.176
-0.7227872E 00	-0.3000400E 01	0.3000400E 01	256.437	32.457	0.009731	8	47.059
0.5907456E 00	-0.1375710E 01	0.2400050E 01	284.344	31.594	0.040009	9	52.941
-0.0364527E -01	-0.2260000E 01	0.2270703E 01	267.588	26.759	0.046027	10	58.824

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 505 CTR 354 CR 66.0 TR 34 LARGE ANGLE

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3493395E 01	-0.276345E 00	0.1527819E 01	349.567	349.567	1.000000	1	5.882
0.1502343E 01	-0.4034544E -01	0.4230077E -01	255.667	127.833	0.040700	2	11.765
-0.1502343E -01	0.3237082E -01	0.4094177E -01	118.567	100.196	0.023034	3	17.647
-0.3674727E -01	0.1900427E -01	0.1290996E -01	120.622	32.155	0.000450	4	23.529
-0.0000019E -02	-0.1119104E -01	0.2060207E -01	327.240	65.446	0.015530	5	29.412
0.1759322E -01	-0.1417131E -01	0.1727202E -01	235.133	39.189	0.011505	6	35.294
-0.0074000E -02	-0.4978747E -02	0.4978743E -02	277.041	30.377	0.002997	7	41.176
0.3231094E -05	-0.4919172E -02	0.7102590E -02	283.070	35.705	0.004449	8	47.059
0.165736E -02	-0.2700640E -03	0.7201150E -03	282.071	22.519	0.000475	9	52.941
-0.0700091E -00	-0.3051020E -03	0.1306657E -01	182.190	18.220	0.000552	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 10

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.102067E 05	-0.6979223E 04	0.8018699E 04	308.420	308.420	1.000000	1	5.882
0.3480156E 04	0.1057617E 04	0.1416440E 04	131.709	65.855	0.160618	2	11.765
-0.9424287E 03	-0.8604877E 02	0.1444856E 04	354.566	118.462	0.163840	3	17.647
0.1442292E 04	0.2001134E 03	0.2000296E 03	47.822	11.436	0.031845	4	23.529
0.1085584E 03	-0.7504054E 03	0.7505557E 03	270.785	54.197	0.089110	5	29.412
0.1029020E 02	0.132-516E 03	0.1445436E 03	64.667	10.778	0.016617	6	35.294
-0.4270192E 02	0.1637535E 03	0.1640257E 03	93.302	13.329	0.016600	7	41.176
-0.9446904E 01	0.6945523E 02	0.7256880E 02	73.156	9.164	0.002225	8	47.059
0.2182803E 02	0.1406800E 02	0.128555E 02	13.271	1.475	0.004949	9	52.941
0.5964893E 02	0.1280320E 02	0.2002145E 02	140.247	14.025	0.027270	10	58.824
-0.1539277E 02							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.3279676E 04	-0.1636144E 04	0.3085410E 04	327.741	327.741	1.000000	1	5.882
0.2592242E 04	0.1149316E 02	0.1041021E 03	173.674	86.837	0.034025	2	11.765
-0.1034670E 03	-0.1156826E 03	0.1205246E 03	286.296	95.432	0.019318	3	17.647
0.3581900E 02	-0.5177681E 02	0.8202974E 02	219.138	54.785	0.024760	4	23.529
-0.6362424E 02	0.3994551E 03	0.3599375E 03	67.033	17.407	0.117419	5	29.412
0.1963010E 02	0.1133054E 01	0.7531926E 02	179.137	29.856	0.024571	6	35.294
-0.7511070E 02	-0.0670851E 02	0.0808250E 02	282.474	40.353	0.020997	7	41.176
0.1019056E 02	-0.9431715E 02	0.1207931E 03	308.665	38.583	0.039405	8	47.059
0.7546604E 02	0.1639520E 02	0.2704383E 02	143.924	15.992	0.009003	9	52.941
-0.2290499E 02	0.2715122E 02	0.135516E 02	138.927	13.893	0.013491	10	58.824
-0.3117653E 02							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.2421130E 04	-0.4475557E 03	0.5487996E 03	305.361	305.361	1.000000	1	5.882
0.3176004E 03	-0.9390211E 02	0.1487869E 03	219.133	109.566	0.271113	2	11.765
-0.1941700E 03	-0.1550009E 00	0.2444705E 03	180.036	60.013	0.430807	3	17.647
-0.2364712E 03	0.2391203E 02	0.7823767E 02	162.215	40.554	0.142654	4	23.529
0.9008501E 01	0.1508591E 03	0.1990467E 03	87.382	17.477	0.362695	5	29.412
0.4509097E 02	-0.1400920E 02	0.4776507E 02	342.957	57.159	0.087896	6	35.294
0.1002150E 02	-0.1420764E 02	0.1785954E 02	307.295	43.899	0.032543	7	41.176
-0.1257981E 01	0.1323642E 01	0.1024073E 01	33.543	16.693	0.003327	8	47.059
-0.1620904E 02	0.8017540E 01	0.1360118E 02	179.031	15.448	0.024784	9	52.941
0.1945013E 02	-0.2052777E 02	0.2627890E 02	313.456	31.346	0.051529	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.9487266E 03	-0.3945710E 03	0.7782822E 03	212.786	212.786	1.000000	1	5.882
-0.6122429E 03	-0.1234642E 03	0.2142971E 03	215.179	107.580	0.294250	2	11.765
-0.1751567E 03	0.1285187E 02	0.4031130E 03	178.173	59.351	0.555513	3	17.647
-0.4629092E 03	0.4967990E 02	0.4628241E 02	40.745	20.186	0.069550	4	23.529
0.7443720E 01	-0.4424400E 02	0.4725656E 02	290.569	58.114	0.064688	5	29.412
0.1600253E 02	0.4046190E 02	0.5887440E 02	53.400	9.233	0.000040	6	35.294
0.3343102E 02	0.5543643E 02	0.5715158E 02	104.072	14.867	0.079474	7	41.176
-0.1389629E 02	0.5747600E 02	0.4475779E 02	62.907	7.824	0.009193	8	47.059
0.2900673E 02	0.5642212E 01	0.1059215E 02	32.107	3.576	0.016544	9	52.941
0.0904321E 01	-0.4031864E 01	0.4012760E 02	353.085	35.368	0.059098	10	58.824
0.3903521E 02							

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 19

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 10 FL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.216604E 03							
-0.9427454E 03	-0.3722334E 03	0.1013571E 04	201.546	201.546	1.000000	1	5.882
-0.277641E 03	-0.1627944E 03	0.3184036E 03	210.749	105.375	0.31414C	2	11.765
-0.4200071E 03	-0.2874681E 03	0.4200160E 03	180.392	60.131	0.414393	3	17.647
0.1604473E 03	0.1007452E 03	0.1894543E 03	32.125	8.031	0.186918	4	23.529
0.1073020E 02	-0.1972526E 03	0.1975442E 03	273.114	54.623	0.194899	5	29.412
0.2962613E 02	0.7937239E 02	0.8472118E 02	69.522	11.509	0.083587	6	35.294
-0.4350948E 02	0.4126047E 02	0.7513931E 02	125.384	17.912	0.074133	7	41.176
0.4059504E 02	0.3537430E 02	0.5955399E 02	47.027	5.878	0.058757	8	47.059
-0.1028840E 02	-0.1709924E 02	0.1995503E 02	238.965	26.552	0.019689	9	52.941
-0.1246C49E 02	0.8178575E 00	0.1248730E 02	176.245	17.624	0.012320	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1677538E 03							
-0.1112041E 04	-0.3522449E 03	0.1166495E 04	197.576	197.576	1.000000	1	5.882
-0.4203564E 03	-0.1772735E 03	0.4562075E 03	202.866	101.433	0.391893	2	11.765
-0.2866365E 03	0.8418901E 02	0.2968257E 03	163.523	54.508	0.254460	3	17.647
0.1375564E 03	0.1206521E 03	0.1829718E 03	41.254	10.314	0.156856	4	23.529
0.1055353E 02	-0.2580957E 03	0.2583113E 03	272.342	54.468	0.221442	5	29.412
0.2502590E 01	-0.3208691E 02	0.3218434E 02	274.460	45.743	0.027591	6	35.294
0.1516762E 02	-0.7327657E 02	0.7682980E 02	281.695	40.242	0.064149	7	41.176
0.6690378E 01	-0.1608970E 02	0.1735138E 02	292.680	36.585	0.014875	8	47.059
0.1046951E 02	0.993193E 02	0.2251379E 02	62.291	6.921	0.019380	9	52.941
-0.2663705E 02	0.3893211E 02	0.4716963E 02	124.375	12.437	0.048437	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4183877E 03							
-0.9661118E 03	-0.1673812E 03	0.9805042E 03	189.829	189.829	1.000000	1	5.882
-0.5490662E 03	-0.1549273E 03	0.6792986E 03	194.735	97.368	0.621210	2	11.765
-0.1436263E 03	0.3509772E 02	0.1478525E 03	166.268	55.423	0.150792	3	17.647
0.1212641E 03	0.1020442E 03	0.1584865E 03	40.081	10.020	0.161638	4	23.529
0.3085C13E 02	-0.1332185E 03	0.1367439E 03	293.038	56.608	0.139463	5	29.412
-0.7771440E 01	-0.4424651E 02	0.4492383E 02	260.038	43.340	0.045817	6	35.294
0.7049690E 02	-0.7770024E 02	0.1049149E 03	312.217	44.802	0.107801	7	41.176
0.3172775E 02	-0.5186583E 02	0.6080060E 02	301.455	37.882	0.062810	8	47.059
0.1639026E 02	0.5224900E 01	0.1720290E 02	17.681	1.965	0.017545	9	52.941
0.6774027E 01	0.6302375E 01	0.9252424E 01	42.934	4.293	0.009436	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 14 FL. BEND 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4713987E 03							
-0.5196274E 03	-0.1032373E 03	0.5494128E 03	190.830	190.830	0.998982	1	5.882
-0.5286587E 03	-0.1516316E 03	0.5499727E 03	196.004	98.002	1.000000	2	11.765
-0.7013872E 02	0.6168597E 02	0.9362807E 02	138.681	46.227	0.169878	3	17.647
0.1147985E 03	0.1293200E 03	0.1725914E 03	48.528	12.132	0.313818	4	23.529
0.1668787E 02	-0.8232872E 02	0.8400298E 02	281.458	56.292	0.152740	5	29.412
-0.4339714E 02	-0.7286127E 02	0.8480618E 02	239.221	39.870	0.154201	6	35.294
0.7076692E 02	-0.4660762E 02	0.8473621E 02	326.631	44.662	0.154973	7	41.176
0.3896722E 02	0.1202103E 02	0.4077927E 02	17.145	2.143	0.074168	8	47.059
0.4152367E 01	-0.6099158E 02	0.6113280E 02	273.895	30.423	0.111154	9	52.941
-0.1224032E 02	-0.6868835E 02	0.758745E 02	244.856	24.486	0.137968	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 1

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 6C.C TR 1 CM. BEND 6							
AJ	HJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2954357E 05		0.2988565E 05	2.647	2.647	1.000000	1	5.842
0.2945378E 05	0.1379979E 04	0.3102993E 04	18.311	9.156	0.103929	2	11.765
0.2945987E 04	0.9748835E 03	0.3407598E 04	328.743	109.521	0.114021	3	17.647
0.2912984E 04	-0.1768121E 04	0.7843237E 03	258.208	84.552	0.026244	4	23.529
-0.1602893E 03	-0.7677703E 03	0.7843237E 03	258.208	84.552	0.026244	4	23.529
0.2631240E 03	-0.1346488E 04	0.1371956E 04	281.057	56.211	0.045907	5	29.412
0.5670453E 02	-0.6785042E 03	0.6788762E 03	274.791	45.799	0.022716	6	35.294
0.3855034E 01	-0.3157617E 03	0.3157849E 03	270.699	38.671	0.010966	7	41.176
0.2829340E 02	-0.4465503E 03	0.4414377E 03	273.675	14.206	0.014771	8	47.059
-0.9007324E 02	-0.2526440E 03	0.2682222E 03	250.378	27.820	0.008975	9	52.941
0.1502799E 03	-0.1867495E 03	0.4242561E 03	290.746	29.075	0.014196	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 6C.O TR 5 CM. BEND 45							
AJ	HJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2254888E 05		0.1768199E 05	4.525	4.525	1.000000	1	5.882
0.1762688E 05	0.1395082E 04	0.2063608E 04	17.322	8.661	0.116707	2	11.765
0.1970019E 04	0.6144130E 03	0.2594855E 04	337.677	112.559	0.146751	3	17.647
0.2400189E 04	-0.9856016E 03	0.6722415E 03	230.583	57.646	0.038018	4	23.529
-0.4268425E 03	-0.5193403E 03	0.1034224E 03	246.204	49.241	0.058490	5	29.412
-0.4172893E 03	-0.9463027E 03	0.4264341E 03	315.385	52.564	0.024117	6	35.294
0.3035530E 03	-0.2995024E 03	0.1415703E 03	252.941	36.134	0.028023	7	41.176
-0.4161827E 02	-0.1356286E 03	0.4640993E 03	251.900	31.488	0.026245	8	47.059
-0.1441683E 03	-0.4410972E 03	0.1147364E 03	229.633	25.515	0.004489	9	52.941
-0.7431230E 02	-0.8741916E 02	0.2307672E 03	299.027	29.383	0.013051	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 6C.O TR 8 CM. BEND 115							
AJ	HJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5285492E 04		0.8064609E 04	1.946	1.946	1.000000	1	5.882
0.8059985E 04	0.2737871E 03	0.8819607E 03	359.883	179.942	0.109362	2	11.765
0.8819590E 03	-0.1800211E 01	0.1290015E 04	323.452	107.817	0.159961	3	17.647
0.1036350E 04	-0.7681931E 03	0.3216707E 03	169.339	42.335	0.039887	4	23.529
-0.3161184E 03	0.5950862E 02	0.6023655E 03	214.750	42.950	0.074692	5	29.412
-0.4949341E 03	-0.3433433E 03	0.3245173E 03	322.197	53.655	0.040240	6	35.294
0.2564072E 03	-0.1989147E 03	0.2536571E 03	154.273	22.039	0.031453	7	41.176
-0.2285133E 03	0.1101071E 01	0.3229001E 03	176.856	22.107	0.040039	8	47.059
-0.3224150E 03	0.1771201E 02	0.2390877E 03	20.620	7.291	0.029847	9	52.941
0.2237713E 03	0.8419824E 02	0.6815959E 02	161.662	16.165	0.008452	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 6C.C TR 12 CM. BEND 157							
AJ	HJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4270734E 04		0.3494753E 04	7.327	7.327	1.000000	1	5.842
0.3466219E 04	0.4436787E 03	0.4247622E 03	7.916	3.958	0.122715	2	11.765
0.4226940E 03	0.5877267E 02	0.5037476E 03	319.496	106.499	0.144144	3	17.647
0.3830291E 03	-0.3271850E 03	0.1481097E 03	152.266	38.066	0.048103	4	23.529
-0.1487945E 03	0.7823531E 02	0.3862578E 03	211.515	42.303	0.110525	5	29.412
-0.3292852E 03	-0.2019071E 03	0.1867752E 03	313.821	52.303	0.053444	6	35.294
0.1293250E 03	-0.1347592E 03	0.1330775E 03	125.830	17.976	0.038079	7	41.176
-0.7790039E 02	0.1078941E 03	0.9554849E 02	176.330	22.041	0.027341	8	47.059
-0.9335250E 02	0.6115784E 01	0.1830095E 03	49.030	5.448	0.052367	9	52.941
0.1199929E 03	0.1381816E 03	0.3825508E 02	172.259	17.226	0.015449	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 1

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 9 TORSION 115

AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.4424707E 02							
0.2345677E 02	0.4674510E 02	0.7031300E 02	70.512	70.512	1.000000	1	5.882
-0.7122444E 01	-0.1558419E 02	0.1713447E 02	245.430	122.719	0.245691	2	11.765
-0.3262329E 02	-0.3076651E 02	0.4484250E 02	223.322	74.441	0.837756	3	17.647
-0.9718181E 00	-0.2367737E 02	0.2369730E 02	267.649	66.912	0.337825	4	23.529
0.2117451E 02	-0.5631589E 02	0.4016510E 02	290.606	50.121	0.455674	5	29.412
0.7125936E 01	-0.3040257E 01	0.7755242E 01	336.759	36.126	0.110296	6	35.294
0.1318399E 02	0.1264311E 02	0.1826451E 02	43.800	6.237	0.259788	7	41.176
0.3208593E 01	0.9897806E 01	0.1040488E 02	72.039	9.005	0.147979	8	47.059
0.7425094E 00	0.1858647E 01	0.2001471E 01	68.224	7.580	0.028465	9	52.941
0.9646844E 00	0.4239866E 00	0.1053745E 01	29.726	2.373	0.014986	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 15 TORSION 105

AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1301016E 03							
-0.3024837E 02	0.2431402E 02	0.3881016E 02	141.205	141.205	1.000000	1	5.882
-0.2091026E 00	-0.3604390E 01	0.3610490E 01	266.680	133.340	0.499820	2	11.765
0.4961534E 01	-0.1455519E 02	0.1613432E 02	295.561	98.520	0.415722	3	17.647
-0.1269278E 01	-0.3356500E 01	0.3625052E 01	247.807	61.952	0.093404	4	23.529
0.6637993E 01	-0.2602849E 02	0.2686140E 02	284.306	56.861	0.092121	5	29.412
-0.4763180E 01	-0.6549051E 00	0.4807990E 01	187.429	31.355	0.125804	6	35.294
0.1113729E 02	0.3314198E 01	0.1161994E 02	16.572	2.367	0.299443	7	41.176
-0.7829460E 01	-0.9508945E 01	0.1156298E 02	227.381	28.423	0.247959	8	47.059
0.5591542E 01	0.2378929E 01	0.6076564E 01	23.047	2.561	0.156571	9	52.941
0.1017575E 01	-0.7200641E 01	0.7272205E 01	278.043	77.804	0.187378	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 29 PITCH LINE

AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.9349356E 02							
-0.6620718E 02	0.1077473E 02	0.6707851E 02	178.755	178.755	1.000000	1	5.882
-0.1403109E 02	0.6249115E 01	0.2535979E 02	153.993	77.996	0.220982	2	11.765
0.7881586E 01	0.2229427E 02	0.2358051E 02	70.988	23.663	0.351536	3	17.647
-0.5593994E 01	0.6435404E 01	0.8524851E 01	130.499	32.750	0.127117	4	23.529
0.1379910E 00	0.3121521E 01	0.3124564E 01	87.469	17.494	0.044581	5	29.412
-0.1711545E 01	-0.1710207E 00	0.1723067E 01	185.706	30.522	0.025643	6	35.294
0.3493504E 01	-0.2851030E 01	0.4509205E 01	320.782	45.026	0.047223	7	41.176
-0.5258170E 00	-0.8534814E 00	0.1002455E 01	238.363	29.755	0.014944	8	47.059
-0.8126864E 00	-0.8199445E 00	0.1154186E 01	225.241	25.027	0.017206	9	52.941
0.1173022E 01	-0.4716212E 00	0.1264280E 01	338.097	35.210	0.018448	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 351 CR 60.0 TR 34 BLADE ANGLE

AJ	PJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1108750E 02							
0.1210299E 01	-0.1569892E 01	0.1982266E 01	307.630	307.630	1.000000	1	5.882
-0.3545284E 02	-0.7042456E 01	0.7051367E 01	267.118	133.559	0.031572	2	11.765
-0.7110423E 01	-0.9306008E 01	0.1171153E 00	732.610	77.539	0.059081	3	17.647
-0.1170118E 00	-0.7710136E 02	0.1172455E 00	183.770	45.942	0.059157	4	23.529
-0.7421952E 01	0.7193232E 01	0.1038614E 00	156.165	27.233	0.052395	5	29.412
0.3983254E 01	0.1028278E 00	0.1102732E 00	68.825	11.471	0.055630	6	35.294
0.7901466E 01	0.1187250E 01	0.7990150E 01	8.545	1.221	0.048388	7	41.176
0.5409402E 01	-0.9209919E 01	0.1069102E 00	300.427	37.553	0.053883	8	47.059
-0.2450616E 01	-0.5484181E 01	0.1008643E 01	245.930	27.111	0.030312	9	52.941
-0.5616871E 01	-0.1121198E 01	0.5727680E 01	191.284	19.111	0.028895	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 21

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 494 CR 36.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1717200E 05							
-0.4547887E 04	-0.6735734E 04	0.0143902E 04	236.052	236.052	1.000000	1	6.061
0.1052775E 04	-0.7715237E 07	0.1053125E 04	350.522	179.261	0.129314	2	12.121
0.4182493E 03	0.5501770E 02	0.4210523E 03	7.494	2.498	0.051800	3	18.182
0.2200995E 02	0.1026714E 02	0.2435930E 02	24.928	6.232	0.062991	4	24.242
0.1889550E 03	-0.3211879E 03	0.3726465E 03	300.449	60.094	0.045750	5	30.303
0.1242444E 03	-0.6251120E 02	0.1190830E 03	333.292	55.945	0.017070	6	36.364
0.1007045E 03	-0.1365332E 02	0.1017051E 03	352.285	50.326	0.012408	7	42.424
-0.1953030E 02	-0.7705310E 02	0.0026741E 02	255.912	11.989	0.009056	8	48.485
-0.3735975E 02	-0.6103722E 02	0.7156293E 02	230.530	26.903	0.006787	9	54.545
0.4436049E 01	-0.5508824E 02	0.5524667E 02	274.606	27.461	0.006784	10	60.606

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 494 CR 36.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
C.1237883E 04							
-0.9307637E 03	-0.1743786E 04	0.1976641E 04	241.908	241.908	1.000000	1	6.061
0.2983134E 02	-0.6322554E 01	0.3049399E 02	340.033	174.017	0.015427	2	12.121
0.3451369E 02	-0.1541176E 02	0.2117000E 02	313.281	104.427	0.010710	3	18.182
-0.1594333E 02	-0.9005527E 02	0.9927950E 02	260.992	65.248	0.050226	4	24.242
-0.1412781E 03	0.2276187E 03	0.2681099E 03	121.900	24.300	0.196639	5	30.303
-0.1011342E 03	0.5074259E 01	0.1012614E 03	177.120	29.521	0.051229	6	36.364
-0.1134582E 03	-0.4300007E 02	0.1402177E 03	197.662	28.266	0.070037	7	42.424
0.1111879E 02	-0.3232105E 02	0.4496737E 02	313.914	39.239	0.022699	8	48.485
0.1543247E 02	-0.6109082E 02	0.1445410E 02	356.967	39.662	0.007818	9	54.545
0.3106279E 02	0.1090016E 02	0.3791074E 02	19.336	1.934	0.016654	10	60.606

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 494 CR 36.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3416179E 03							
-0.0906125E 02	-0.4641021E 03	0.4719114E 03	259.616	259.616	1.000000	1	6.061
-0.1916643E 03	-0.4697156E 02	0.1973361E 03	193.770	96.885	0.418163	2	12.121
-0.5777037E 02	0.6247226E 01	0.3011511E 02	173.829	57.943	0.123140	3	18.182
-0.2202919E 02	-0.6559766E 02	0.6919650E 02	251.440	62.860	0.146630	4	24.242
-0.5320093E 02	0.0364080E 02	0.1002695E 03	123.463	24.693	0.212475	5	30.303
-0.4210710E 02	0.0735047E 01	0.4300394E 02	360.279	28.047	0.091127	6	36.364
-0.6409620E 01	-0.9510703E 01	0.1170149E 02	214.435	33.491	0.024796	7	42.424
-0.3935655E 01	0.3381911E 02	0.3404735E 02	96.630	12.000	0.072140	8	48.485
-0.1559872E 01	-0.1040663E 00	0.1569900E 01	186.733	20.748	0.003327	9	54.545
0.2719010E 01	0.1035944E 02	0.1071053E 02	75.789	7.529	0.022696	10	60.606

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 494 CR 36.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.656823E 03							
0.4665105E 02	-0.3498123E 03	0.3529009E 03	277.596	277.596	0.926524	1	6.061
-0.3797482E 03	-0.2904064E 02	0.3808950E 02	184.464	52.232	1.000000	2	12.121
-0.1740120E 03	0.9401611E 00	0.1740120E 03	179.823	59.941	0.450952	3	18.182
-0.1718910E 02	-0.4686293E 01	0.1781645E 02	195.250	48.812	0.046775	4	24.242
0.3945307E 02	-0.3698366E 02	0.5123189E 02	313.789	62.758	0.134504	5	30.303
0.1162000E 02	0.2017860E 02	0.2320529E 02	60.034	10.011	0.061133	6	36.364
0.5120990E 02	0.3100760E 02	0.6032637E 02	31.910	4.559	0.198960	7	42.424
-0.9485537E-01	0.1720091E 02	0.1720915E 02	90.314	11.289	0.045391	8	48.485
-0.1492904E 02	0.1793489E 02	0.1850351E 02	143.782	15.976	0.049384	9	54.545
-0.1515727E 02	-0.2802238E 01	0.1541419E 02	190.474	19.047	0.040468	10	60.606

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 21

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 490 CTR 494 CR 36.0 TR 10 FL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1421052E 04						1	6.061
0.2946126E 02	-0.2479368E 03	0.2492407E 03	275.863	275.863	0.540137	2	12.121
-0.4555847E 03	-0.7327562E 02	0.4614397E 03	189.137	94.369	1.000000	3	18.182
-0.2008130E 03	0.1916452E 02	0.2096926E 03	174.756	58.257	0.454431	4	24.242
0.1345533E 02	0.4055377E 02	0.4272137E 02	71.670	17.918	0.092583	5	30.303
0.5831960E 02	-0.1160249E 01	0.1298579E 03	296.486	59.337	0.281618	6	36.364
0.2462729E 02	-0.2762031E 01	0.2478168E 02	353.601	58.953	0.053705	7	42.424
-0.1421743E 02	-0.1447807E 02	0.2029156E 02	225.520	32.217	0.043974	8	48.485
0.4762817E 01	-0.3687811E 00	0.4777070E 01	355.572	44.447	0.010353	9	54.545
0.6431247E 01	-0.1364738E 01	0.6374764E 01	348.006	38.667	0.014248	10	60.606
0.6324036E 01	-0.3787665E 01	0.7371555E 01	324.081	32.908	0.015975		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 490 CTR 494 CR 36.0 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1642639E 04						1	6.061
0.4001837E 02	-0.1279352E 03	0.1871639E 03	282.346	282.346	0.418795	2	12.121
-0.4536011E 03	-0.4236477E 02	0.4556123E 03	183.386	92.693	1.000000	3	18.182
-0.2186675E 03	0.4921228E 02	0.2291687E 03	162.421	54.140	0.582991	4	24.242
0.2448249E 02	0.7376270E 02	0.7772266E 02	71.632	17.900	0.178589	5	30.303
0.3551212E 02	-0.1510137E 03	0.1551330E 03	283.233	56.647	0.348493	6	36.364
0.1122651E 02	-0.1715471E 02	0.2050166E 02	303.282	50.534	0.044998	7	42.424
-0.2435135E 02	-0.1078758E 02	0.2668150E 02	283.736	29.105	0.058384	8	48.485
0.2837569E 02	0.1554939E 02	0.3279614E 02	28.302	3.938	0.077663	9	54.545
-0.1871170E 02	0.3652075E 02	0.3998235E 02	185.540	11.727	0.087755	10	60.606
0.4424506E 00	0.1284112E 00	0.4687888E 00	16.184	1.618	0.001011		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 490 CTR 494 CR 36.0 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1644411E 04						1	6.061
0.5197888E 02	-0.8184640E 00	0.5157736E 02	359.891	359.891	0.131330	2	12.121
-0.3923491E 03	-0.1731392E 02	0.3927307E 03	162.527	91.243	1.000000	3	18.182
-0.2296536E 03	0.6888995E 02	0.2397645E 03	163.380	54.433	0.410511	4	24.242
0.9739372E 01	0.6079150E 02	0.6156673E 02	80.898	70.224	0.156766	5	30.303
0.3753931E 02	-0.1146848E 03	0.1204822E 03	288.154	57.631	0.306781	6	36.364
-0.1562734E 02	0.3303612E 02	0.3654370E 02	115.309	19.218	0.093050	7	42.424
-0.7686233E 02	-0.1138875E 22	0.7691070E 02	168.516	26.931	0.195834	8	48.485
0.3274486E 02	0.3603786E 01	0.3294255E 02	6.280	0.785	0.003881	9	54.545
0.2737801E 02	0.1635445E 02	0.3189079E 02	30.852	3.428	0.087203	10	60.606
0.1583607E 02	0.3582964E 02	0.3917325E 02	66.155	6.616	0.099746		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 490 CTR 494 CR 36.0 TR 14 FL. BEND 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1517499E 04						1	6.061
0.1505465E 02	0.7903346E 02	0.8045448E 02	79.215	79.215	0.327196	2	12.121
-0.2458599E 03	-0.3902126E 01	0.2458809E 03	150.909	90.455	1.000000	3	18.182
-0.1865503E 03	0.4588001E 02	0.1920903E 03	164.206	55.402	0.781201	4	24.242
0.2665407E 02	0.4956511E 02	0.5628885E 02	61.732	15.433	0.228885	5	30.303
0.2166170E 02	-0.7198812E 02	0.7513824E 02	286.756	57.351	0.305576	6	36.364
-0.3436007E 00	-0.1110600E 02	0.1111132E 02	268.228	44.705	0.045188	7	42.424
-0.8844536E 02	0.1458689E 22	0.8964014E 02	170.635	24.376	0.384552	8	48.485
0.3177612E 02	0.1616743E 01	0.3181723E 02	2.913	0.364	0.129396	9	54.545
-0.1429789E 01	0.3033337E 02	0.3036603E 02	92.699	10.300	0.123494	10	60.606
0.6227647E 01	0.2591627E 01	0.6745377E 01	22.595	2.259	0.027432		

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 21

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 499 CTR 494 CR 36.0 TR 1 CM. BEND 6							
AJ	RJ	CJ	PMIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3194450E 04							
0.5891008E 04	-0.1537976E 04	0.4688457E 04	345.368	345.368	1.000000	1	6.061
0.3290649E 04	0.2704555E 04	0.4259457E 04	39.416	19.709	0.699595	2	12.121
0.1383656E 04	0.4525789E 03	0.1455792E 04	18.112	6.037	0.239107	3	18.192
0.4095854E 03	0.4687334E 03	0.6224717E 03	48.853	17.213	0.102239	4	24.242
0.6418506E 03	0.1033429E 03	0.6501147E 03	9.147	1.829	0.106779	5	30.303
0.2650974E 03	0.1165902E 03	0.2896020E 03	23.746	3.957	0.047566	6	36.364
0.1028063E 03	0.4292931E 02	0.1395820E 03	42.111	6.016	0.022761	7	42.424
0.4888330E 03	0.2743364E 03	0.5605515E 03	29.301	3.663	0.097068	8	48.485
0.2829665E 02	0.1987566E 03	0.1908658E 03	81.474	9.053	0.031349	9	54.545
0.1018586E 03	0.1935824E 03	0.2187448E 03	62.248	6.225	0.035929	10	60.606

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 498 CTR 494 CR 36.0 TR 5 CM. BEND 45							
AJ	RJ	CJ	PMIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.9502414E 04							
0.3909404E 04	-0.8124951E 02	0.3910248E 04	358.809	358.809	1.000000	1	6.061
0.2375127E 04	0.1791327E 04	0.2974908E 04	37.024	18.517	0.740798	2	12.121
0.1071713E 04	0.5903501E 03	0.1223553E 04	28.848	9.616	0.312909	3	18.192
0.2002579E 03	0.2420128E 03	0.3141230E 03	50.393	12.598	0.080333	4	24.242
0.1445414E 03	-0.6330783E 02	0.1577977E 03	336.347	67.269	0.040355	5	30.303
0.1774874E 03	0.2549058E 03	0.3106079E 03	55.152	9.192	0.079434	6	36.364
0.2309633E 03	0.2042213E 03	0.3983025E 03	41.484	5.926	0.078843	7	42.424
0.3635850E 01	0.1752596E 03	0.1752975E 03	88.811	11.101	0.044830	8	48.485
-0.1762749E 02	0.1434052E 03	0.1444845E 03	97.008	10.779	0.038950	9	54.545
0.1664116E 02	0.2099095E 03	0.2097516E 03	85.449	8.545	0.033642	10	60.606

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 498 CTR 494 CR 36.0 TR 8 CM. BEND 115							
AJ	RJ	CJ	PMIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1130889E 05							
0.1269833E 04	-0.1697861E 03	0.1281133E 04	352.384	352.384	0.962629	1	6.061
0.1220143E 04	0.5314727E 03	0.1330849E 04	23.537	11.769	1.000000	2	12.121
0.4687788E 03	0.1060732E 03	0.4204296E 03	12.750	4.250	0.361140	3	18.192
0.4095474E 02	0.3204349E 02	0.5200072E 02	38.040	9.510	0.099073	4	24.242
-0.1563878E 02	-0.5936339E 02	0.6138878E 02	255.241	51.048	0.046127	5	30.303
0.4321017E 02	0.2095128E 02	0.4802161E 02	25.867	4.311	0.036083	6	36.364
0.1737089E 03	0.2734840E 02	0.1264957E 03	12.466	1.781	0.095198	7	42.424
-0.4585811E 03	0.1207576E 03	0.4742139E 03	165.247	20.654	0.356319	8	48.485
-0.5245833E 02	0.4281282E 02	0.6771124E 02	140.781	15.642	0.050877	9	54.545
-0.3211805E 00	0.1698186E 02	0.1698468E 02	91.084	9.108	0.017762	10	60.606

HARMONIC ANALYSIS MODEL XM-S1A SHIP 1002C T 498 CTR 494 CR 36.0 TR 12 CM. BEND 157							
AJ	RJ	CJ	PMIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.7313637E 04							
0.2688547E 03	0.8327414E 02	0.2814553E 03	17.210	17.210	0.654962	1	6.061
0.3060967E 03	0.1895629E 03	0.4301216E 03	26.150	13.075	1.000000	2	12.121
0.1985202E 03	0.4726030E 02	0.1962943E 03	3.932	4.644	0.454369	3	18.192
-0.1152197E 02	0.4089645E 02	0.4248851E 02	105.734	26.434	0.098783	4	24.242
-0.4388317E 01	0.9042220E 02	0.9052820E 02	92.773	18.555	0.210471	5	30.303
0.1451062E 03	0.7779431E 02	0.1646444E 03	28.197	4.699	0.382736	6	36.364
0.9488444E 02	0.8361382E 02	0.1258098E 03	41.652	5.950	0.792498	7	42.424
-0.1295635E 03	0.1937757E 03	0.2331002E 03	123.768	15.471	0.541940	8	48.485
-0.6310638E 02	0.3839778E 02	0.7387018E 02	148.681	16.520	0.171742	9	54.545
0.1420120E 02	0.8113173E 01	0.1635541E 02	29.734	2.974	0.038025	10	60.606

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 21

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 494 CR 36.0 TR 9 TORSION 115

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2222628E 03							
0.4924280E 02	0.1458374E 02	0.5135696E 02	16.497	16.497	1.000000	1	6.061
-0.4262711E 02	-0.1949733E 02	0.7684953E 02	204.512	102.256	0.912233	2	12.121
0.3072617E 02	-0.8136630E 01	0.3178523E 02	345.168	115.056	0.618908	3	18.182
-0.5194583E 01	0.4087219E 02	0.4120096E 02	47.243	24.311	0.802247	4	24.242
0.2516161E 02	-0.3967450E 02	0.4693832E 02	302.416	60.483	0.913742	5	30.303
0.9755317E 01	0.4444156E 00	0.9766364E 01	2.726	0.492	0.190116	6	36.364
0.2452785E 02	-0.1330484E 01	0.2466376E 02	356.987	90.987	0.682242	7	42.424
0.6018622E 01	0.2245140E 02	0.2324449E 02	74.994	9.374	0.432606	8	48.485
-0.2521994E 01	0.1230145E 02	0.1255732E 02	101.566	11.287	0.244510	9	54.545
-0.8224006E 01	0.2610578E 01	0.8628405E 01	162.389	16.237	0.168008	10	60.506

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 494 CR 36.0 TR 15 TORSION 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1120794E 03							
0.4683762E 02	0.3852217E 01	0.4699576E 02	4.702	4.702	1.000000	1	6.061
-0.2986525E 02	-0.1182460E 02	0.3212091E 02	201.600	100.800	0.683485	2	12.121
-0.6782572E 01	0.2514039E 01	0.7150832E 01	199.434	99.145	0.152329	3	18.182
0.9034890E 01	0.4137331E 09	9.9043957E 01	2.469	0.607	0.209456	4	24.242
0.2095107E 02	-0.7250590E 01	0.2217307E 02	340.897	68.179	0.471509	5	30.303
-0.8324734E 01	0.2201627E 01	0.8788190E 01	161.318	26.885	0.187000	6	36.364
0.6779910E 01	-0.3743330E 01	0.7744656E 01	331.096	47.299	0.164795	7	42.424
0.2455490E 01	0.1077640E 02	0.1105244E 02	77.174	9.647	0.235179	8	48.485
-0.1270526E 02	0.1060573E 02	0.1659806E 02	140.147	15.572	0.352161	9	54.545
-0.3568985E 01	-0.1537845E 01	0.3867531E 01	203.417	20.342	0.082295	10	60.606

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 494 CR 36.0 TR 29 PITCH LINK

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.4689514E 02							
0.1643085E 02	0.2539093E 02	0.3824353E 02	57.492	57.092	1.000000	1	6.061
0.8336344E 01	0.1037126E 02	0.1330626E 02	51.200	25.604	0.439970	2	12.121
-0.8751912E 01	0.1079538E 02	0.1385079E 02	129.100	43.063	0.457975	3	18.182
0.7179903E 01	-0.1167690E 02	0.1378781E 02	301.567	75.397	0.653240	4	24.242
-0.5521523E 01	0.5768230E 01	0.6751995E 01	121.440	24.280	0.223234	5	30.303
-0.1462250E 01	0.1060679E 01	0.1018571E 01	145.529	29.921	0.068174	6	36.364
0.2004759E 01	0.2422607E 01	0.2430960E 01	85.270	12.101	0.080380	7	42.424
0.7937936E 03	0.2288829E 01	0.2421814E 01	70.867	8.859	0.088077	8	48.485
-0.1673399E 01	0.2418918E 01	0.2441082E 01	124.680	13.853	0.097244	9	54.545
-0.1445152E 01	0.2544018E 01	0.2425831E 01	119.999	11.960	0.096742	10	60.606

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 494 CR 36.0 TR 34 BLADE ANGLE

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.4927238E 01							
0.1039474E 01	-0.6365004E 00	0.1218866E 01	328.520	328.520	1.000000	1	6.061
0.9001389E -02	-0.4745359E -01	0.4847550E -01	281.786	140.893	0.039771	2	12.121
0.1392107E -01	-0.3111466E -01	0.3408692E -01	294.184	98.835	0.027966	3	18.182
-0.2233766E -01	-0.1214422E -01	0.2542561E -01	208.531	52.123	0.028060	4	24.242
-0.5013119E -01	-0.2639169E -01	0.2686359E -01	259.245	51.849	0.022040	5	30.303
-0.3822801E -02	-0.2081635E -02	0.3669641E -02	214.560	35.760	0.003011	6	36.364
0.9576477E -02	-0.1922292E -01	0.2147624E -01	296.481	42.354	0.017628	7	42.424
0.6835405E -02	-0.9194054E -02	0.1145659E -01	306.629	30.329	0.009399	8	48.485
-0.3418498E -02	-0.9754498E -02	0.1033616E -01	109.313	17.146	0.000488	9	54.545
-0.1370728E -01	-0.1547852E -01	0.2067527E -01	228.465	22.846	0.014963	10	60.606

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 23

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1973607E 05	-0.2799900E 03	0.8788773E 03	341.436	341.436	0.309285	1	5.848
0.8323859E 03	-0.2788982E 04	0.2829837E 04	288.999	148.900	1.000000	2	11.696
0.9416881E 03	-0.4648149E 03	0.1272583E 04	338.977	112.859	0.448245	3	17.544
0.1184669E 04	0.1481949E 03	0.9886972E 03	150.381	37.620	0.105916	4	23.392
-0.2686675E 03	-0.6842870E 03	0.7899543E 03	381.674	48.333	0.250069	5	29.240
0.3727899E 03	0.8877670E 02	0.2838007E 03	25.812	4.382	0.071616	6	35.088
0.1839479E 03	0.8841634E 02	0.1858394E 03	28.409	4.858	0.065459	7	40.936
0.1839479E 03	0.1182430E 00	0.1281451E 03	179.951	22.494	0.045137	8	46.784
-0.3229049E 02	0.2876181E 02	0.4317883E 02	138.232	19.359	0.015209	9	52.632
-0.3946191E 02	-0.2819854E 02	0.4850154E 02	215.949	21.555	0.017384	10	58.480

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.6598647E 03	-0.1424087E 03	9.7013313E 03	348.281	348.281	1.000000	1	5.848
9.6887126E 03	-0.6238988E 01	0.2298813E 02	344.191	172.096	0.832652	2	11.696
0.2203403E 02	0.9898651E 02	0.1071438E 03	151.821	58.607	0.152772	3	17.544
-0.9444468E 02	0.7684224E 01	0.6378108E 02	6.920	1.730	0.098993	4	23.392
0.6331651E 02	0.3784255E 03	0.3896174E 03	107.963	21.593	0.319548	5	29.240
-0.1201684E 03	0.2517361E 03	0.8489842E 02	179.830	29.972	0.121683	6	35.088
-0.8489888E 02	-0.6211572E 02	0.1373529E 03	206.387	29.555	0.195446	7	40.936
-0.1228888E 03	0.3197469E 02	0.6737027E 02	28.334	3.542	0.098861	8	46.784
0.5929884E 02	0.1586471E 02	0.3222984E 02	29.880	3.231	0.065955	9	52.632
0.2816781E 02	0.2188429E 02	0.2149888E 02	182.264	18.226	0.038651	10	58.480

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1145394E 04	-0.4988947E 03	0.8146770E 03	324.844	324.844	1.000000	1	5.848
0.6736428E 03	0.3277524E 03	0.3618845E 03	115.078	47.539	0.435588	2	11.696
-0.1533778E 03	0.4649739E 02	0.1010816E 03	152.307	58.789	0.121183	3	17.544
-0.8998314E 02	-0.1817453E 02	0.4421040E 02	346.788	88.697	0.852987	4	23.392
-0.6999954E 02	0.1871888E 03	0.1998442E 03	110.504	22.101	0.239827	5	29.240
-0.2327598E 02	0.7451798E 01	0.2443724E 02	182.247	27.841	0.029277	6	35.088
-0.6576246E 00	0.1488885E 02	0.1405429E 02	91.865	13.124	0.016858	7	40.936
-0.7999429E 01	-0.1844812E 02	0.2018628E 02	246.568	30.821	0.024889	8	46.784
-0.2484488E 02	-0.1968833E 02	0.2704541E 02	203.274	22.586	0.012482	9	52.632
0.4397407E 01	0.5451571E 01	0.7884855E 01	51.109	5.111	0.008391	10	58.480

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1871488E 03	-0.6844885E 01	0.1040215E 04	318.857	318.857	1.000000	1	5.848
0.7837759E 03	0.3715286E 01	0.4235347E 03	118.693	59.347	0.407153	2	11.696
-0.7837442E 03	0.1933761E 03	0.2487977E 03	128.991	42.997	0.239174	3	17.544
-0.1584308E 03	0.2319888E 02	0.2411528E 02	105.848	26.462	0.025183	4	23.392
-0.1888313E 02	-0.4578889E 02	0.8638022E 02	277.185	55.437	0.089839	5	29.240
0.4852454E 02	0.1653164E 02	0.4376488E 02	22.193	3.459	0.042874	6	35.088
0.8939539E 02	0.8522998E 02	0.1235139E 03	45.634	6.233	0.118737	7	40.936
-0.9864572E 02	-0.1798398E 02	0.1002537E 03	190.276	23.784	0.096376	8	46.784
-0.5882887E 02	0.1819263E 01	0.5805505E 02	178.146	19.794	0.048119	9	52.632
-0.1178386E 02	0.1984253E 02	0.2303785E 02	120.534	12.053	0.022146	10	58.480

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 23

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 10 FL. BEND 140							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5447187E 03	-0.6851560E 03	0.9172520E 03	311.672	311.672	1.000000	1	5.848
0.6098444E C3	0.2667668E 03	0.2999866E 03	115.673	57.837	0.322688	2	11.696
-0.1287328E 03	0.2486356E 03	0.2643889E 03	109.279	36.624	0.788240	3	17.544
-0.8989495E 02	0.3033197E 02	0.9432494E 02	146.659	36.515	0.059226	4	23.392
-0.4506851E 02	-0.1906228E 03	0.1907138E 03	271.770	34.354	0.207919	5	29.240
0.5888969E C1	-0.8349263E 01	0.1433212E 02	324.349	54.063	0.015623	6	35.088
0.1164901E 02	-0.1879900E 02	0.2764189E 02	222.738	31.820	0.030136	7	40.936
-0.2030278E 02	-0.1003902E 02	0.2144930E 02	332.087	41.511	0.023300	8	46.784
0.1895045E 02	-0.1225947E 02	0.1417517E 02	239.834	26.848	0.015654	9	52.632
-0.7123121E C1	-0.6649366E 01	0.6706645E 01	277.494	37.749	0.027312	10	58.480
0.8746685E 00							

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 11 FL. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.9563870E C3	-0.4999807E 03	0.6206193E 03	367.239	307.229	1.000000	1	5.848
0.3800364E 03	0.1203274E 03	0.1418659E 03	121.817	60.909	0.225480	2	11.696
-0.7463636E 02	0.2638810E 03	0.2664307E 03	97.932	32.644	0.424240	3	17.544
-0.3676785E 02	0.3187079E 02	0.7080422E 02	156.709	39.052	0.125000	4	23.392
-0.7229120E 02	-0.2828625E 03	0.2840327E 03	375.293	55.041	0.452267	5	29.240
0.2575737E 02	-0.3000383E 02	0.3619626E 02	234.812	50.669	0.057636	6	35.088
0.2024690E 02	-0.7213519E 02	0.1662429E 03	222.763	31.823	0.169171	7	40.936
-0.7838049E 02	0.1239583E 02	0.1418794E 03	5.012	0.626	0.223932	8	46.784
0.1413469E 03	0.1350409E 02	0.5571754E 02	22.353	2.484	0.056873	9	52.632
0.3303357E 02	-0.4050900E 01	0.1329970E 02	342.211	34.221	0.021114	10	58.480
0.1262574E 02							

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 13 FL. BEND 172							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5662878E 03	-0.2854343E 03	0.3174475E 02	295.953	295.953	1.000000	1	5.848
0.1389251E 03	-0.6511284E 01	0.1943593E 02	149.573	99.787	0.061226	2	11.696
-0.1831281E 02	0.2545609E 03	0.2547341E 03	82.539	27.513	0.888745	3	17.544
0.3333575E 02	0.7721262E 02	0.1501667E 03	149.057	37.264	0.473944	4	23.392
-0.1267953E 03	-0.2301814E 03	0.2339975E 03	280.362	56.072	0.737122	5	29.240
0.4208714E 02	-0.3799987E 02	0.4818677E 02	308.023	51.337	0.151794	6	35.088
0.2968187E 02	-0.9192886E 02	0.1351926E 03	222.842	31.835	0.425074	7	40.936
-0.9912689E 02	0.1351676E 02	0.1528897E 03	5.072	0.634	0.481622	8	46.784
0.1522910E 03	-0.8665927E 01	0.6518993E 02	352.361	39.151	0.205357	9	52.632
0.6461137E 02	0.4847870E 01	0.1952922E 02	14.373	1.437	0.061520	10	58.480
0.1891794E 02							

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 14 FL. BEND 185							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2404183E 03	-0.5100931 02	0.7808270E 02	220.789	220.789	0.357738	1	5.848
-0.5911821E 02	-0.5936597E 02	0.4440581E 02	242.437	121.219	0.273446	2	11.696
-0.2094742E 02	0.1972617E 03	0.2182681E 03	64.657	21.552	1.000000	3	17.544
0.9342706E 02	0.7351294E 02	0.1209018E 03	140.224	35.056	0.553911	4	23.392
-0.9291846E 02	-0.1309180E 03	0.1511120E 03	267.095	53.619	0.462323	5	29.240
-0.7656650E 01	-0.4643857E 02	0.6813747E 02	317.656	52.825	0.312173	6	35.088
0.4986156E 02	-0.5478133E 02	0.8752611E 02	210.747	31.258	0.481083	7	40.936
-0.6826295E C2	-0.5168549E 01	0.1566398E 03	358.145	44.768	0.731375	8	46.784
0.1595521E 03	-0.1341584E 02	0.5289189E 02	345.076	38.342	0.238666	9	52.632
0.5033467E 02	0.1484306E 02	0.3478884E 02	25.262	2.526	0.159349	10	58.480
0.3143459E 02							

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 43

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 1 CM. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.0210173E 04							
0.7227242E 04	0.2421240E 05	0.2526603E 05	73.380	73.380	1.000000	1	5.048
-0.3791917E 04	0.3195875E 04	0.4920555E 04	199.576	69.788	0.195050	2	11.696
-0.9920691E 03	-0.5165542E 03	8.6484954E 03	252.801	77.600	0.075665	3	17.544
-0.1415172E 03	0.6996510E 02	0.1576469E 03	153.855	38.464	0.006239	4	23.392
0.4726641E 03	-0.5619284E 02	0.4757609E 03	353.459	70.692	0.018829	5	29.240
-0.5118283E 02	-0.6798477E 02	0.8501774E 02	232.985	39.831	0.003365	6	35.088
-0.1307668E 03	-0.1788487E 03	0.2215555E 03	233.827	31.404	0.008768	7	40.936
-0.7909439E 02	0.4036045E 03	0.4112012E 03	101.088	11.636	0.016277	8	46.784
-0.6200412E 02	0.1692339E 02	0.4427216E 02	164.734	19.304	0.002544	9	52.632
0.2291222E 02	0.7391042E 02	0.7728412E 02	72.755	7.275	0.003059	10	58.480

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 5 CM. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.7659013E 04							
0.3843137E 04	0.1487866E 05	0.1936699E 05	75.517	75.517	1.000000	1	5.048
-0.2338213E 04	0.2365035E 04	0.3322199E 04	194.734	67.367	0.216191	2	11.696
0.2646321E 02	-0.1536938E 02	0.3880260E 02	329.853	109.951	0.001991	3	17.544
0.4138335E 02	0.2256073E 03	0.2293714E 03	79.666	19.901	0.014926	4	23.392
0.4633365E 02	-0.1344211E 03	0.1421824E 03	288.019	57.804	0.009252	5	29.240
-0.3020410E 02	-0.1322811E 03	0.1356056E 03	257.130	42.856	0.008830	6	35.088
0.8735785E 02	0.4098773E 02	0.1801750E 03	29.282	4.183	0.006510	7	40.936
0.1208877E 03	-0.3496896E 02	0.1250417E 03	343.866	42.983	0.008189	8	46.784
0.7787407E 02	0.1681651E 02	0.8413837E 02	25.383	2.811	0.005609	9	52.632
0.1180729E 02	-0.9648438E 00	0.1184445E 02	355.328	35.533	0.000771	10	58.480

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 8 CM. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1015685E 05							
0.1370976E 04	0.5782863E 04	0.5943152E 04	76.463	76.463	1.000000	1	5.048
-0.4227659E 03	0.1103187E 04	0.1286830E 04	119.445	59.723	0.213158	2	11.696
0.7536048E 02	0.8008972E 01	0.7579279E 02	6.064	2.872	0.012753	3	17.544
0.1622132E 03	0.2161051E 03	0.2782119E 03	59.107	13.277	0.045466	4	23.392
-0.9967903E 02	-0.3092822E 02	0.1043669E 03	197.238	39.448	0.017581	5	29.240
0.1933330E 03	-0.2649409E 03	0.2845884E 03	374.117	52.351	0.047939	6	35.088
0.5567421E 03	-0.7418977E 02	0.5129420E 03	391.674	50.239	0.086207	7	40.936
-0.3027917E 02	-0.4087363E 03	0.4808562E 03	265.763	33.220	0.068963	8	46.784
0.4707866E 02	-0.1794719E 03	0.1859440E 03	284.698	31.633	0.031220	9	52.632
-0.883083E 02	-0.2406813E 02	0.9152950E 02	195.245	19.325	0.015401	10	58.480

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 501 CTR 346 CR 42.0 TR 12 CM. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5207910E 04							
0.4688381E 03	0.1973734E 04	0.2028654E 04	76.838	76.838	1.000000	1	5.048
-0.2022693E 03	0.3158232E 03	0.4886378E 03	120.323	48.162	0.197487	2	11.696
0.8983745E 02	0.2573044E 02	0.9325823E 02	15.449	5.190	0.049971	3	17.544
0.8189311E 02	0.1301772E 03	0.1548856E 03	57.876	14.489	0.079015	4	23.392
-0.7572292E 01	-0.6592144E 01	0.1803990E 02	221.043	44.209	0.004949	5	29.240
0.1736352E 03	-0.3889734E 02	0.1779387E 03	347.373	57.894	0.087713	6	35.088
0.2839492E 03	-0.2189055E 02	0.2847913E 03	355.592	50.769	0.140384	7	40.936
-0.6958929E 02	-0.2620742E 03	0.2711558E 03	255.129	31.891	0.133643	8	46.784
0.8236953E 02	-0.6633441E 02	0.1057592E 03	321.155	37.484	0.052133	9	52.632
-0.8762109E 02	0.9045380E 02	0.8436986E 02	145.273	14.327	0.041589	10	58.480

HARMONIC COMPONENTS OF STRUCTURAL LOADS --- TEST CONDITION NO. 23

HARMONIC ANALYSIS MODEL HM-31A SHIP 1002C T 501 CTR 346 CR 42.0 TR 9 TORSION 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.242622E 03							
0.0473291E 02	0.5593550E 01	0.0491730E 02	3.777	3.777	0.064176	1	5.040
-0.2991791E 02	0.7091697E 02	0.7659929E 02	112.990	56.495	0.779525	2	11.696
-0.9594995E 02	-0.1000400E 02	0.0440004E 02	106.126	62.042	0.061501	3	17.544
0.5617307E 02	0.1094643E 02	0.9028955E 02	10.657	4.664	0.003309	4	29.392
0.6533299E 02	-0.7534520E 02	0.0026309E 02	111.704	62.341	1.000000	5	29.240
0.3226443E 02	0.1433291E 02	0.3530914E 02	45.040	3.992	0.349332	6	39.000
0.2221220E 02	0.2919785E 01	0.2240327E 02	7.400	1.070	0.227991	7	40.956
0.4025743E 01	-0.6059624E 01	0.7744487E 01	300.533	30.567	0.070033	8	46.704
-0.1310730E 01	-0.6701203E 01	0.6906774E 01	259.060	26.704	0.070200	9	52.632
0.9770136E 01	0.1177971E 02	0.1530790E 02	50.310	5.031	0.155704	10	50.400

HARMONIC ANALYSIS MODEL HM-31A SHIP 1002C T 501 CTR 346 CR 42.0 TR 15 TORSION 105							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2569175E 03							
0.4729099E 02	0.7104306E 02	0.0900927E 02	56.667	56.667	1.000000	1	5.040
-0.2057200E 02	0.1433509E 02	0.2491005E 02	144.871	72.435	0.209000	2	11.696
-0.3609000E 02	0.2959904E 01	0.3697000E 02	170.037	50.679	0.430001	3	17.544
0.1004643E 02	0.0396634E 01	0.1004659E 02	0.251	0.063	0.221500	4	29.392
0.3010707E 02	-0.2012597E 02	0.4742673E 02	325.620	64.726	0.991542	5	29.240
0.1003443E 02	0.0444910E 01	0.1311640E 02	40.000	4.002	0.132535	6	39.000
-0.2401440E 01	2.1029611E 01	0.2612063E 01	156.793	22.399	0.039304	7	40.956
0.9233232E 01	-0.1910640E 01	0.0430473E 01	340.261	43.535	0.109070	8	46.704
-0.1147072E 01	-0.5544520E 01	0.5466595E 01	257.070	26.055	0.005571	9	52.632
0.9419190E 00	0.7109926E 01	0.7190959E 01	87.276	8.720	0.003662	10	50.400

HARMONIC ANALYSIS MODEL HM-31A SHIP 1002C T 501 CTR 346 CR 42.0 TR 29 PITCH 100R							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2775942E 02							
-0.1006099E 02	0.4994100E 02	0.3037757E 02	101.527	101.527	1.000000	1	5.040
-0.6579910E 01	-0.6414010E 01	0.9047276E 01	229.150	112.570	0.179200	2	11.696
0.2975204E 02	0.0095994E 01	0.3104205E 02	10.576	5.525	0.016200	3	17.544
-0.1963590E 02	-0.1107959E 02	0.2277059E 02	211.434	52.099	0.442155	4	29.392
-0.1006000E 02	0.5250954E 01	0.1190959E 02	153.007	30.761	0.230405	5	29.240
-0.2516910E 01	0.1333662E 00	0.2520549E 01	176.705	29.451	0.040099	6	39.000
-0.1073101E 01	-0.3440075E 00	0.1120692E 01	107.774	24.253	0.022369	7	40.956
0.1429540E 01	0.0071329E 00	0.1092904E 01	32.401	4.630	0.059404	8	46.704
0.3267414E 01	-0.2517257E 00	0.3277096E 01	355.394	39.510	0.005050	9	52.632
0.0260051E 00	0.1021757E 01	0.1314420E 01	51.016	5.102	0.026091	10	50.400

HARMONIC ANALYSIS MODEL HM-31A SHIP 1002C T 501 CTR 346 CR 42.0 TR 34 BLADE ANGLE							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3614136E 01							
0.1700755E 01	-0.1091117E 01	0.2125905E 01	307.301	307.301	1.000000	1	5.040
-0.7011941E 02	0.5110142E 01	0.5169504E 01	90.692	40.346	0.024314	2	11.696
-0.5504156E 01	0.1617715E 01	0.5945545E 01	163.039	54.346	0.026004	3	17.544
0.5230055E 01	0.3992615E 01	0.6579066E 01	37.350	9.340	0.050900	4	29.392
-0.1414511E 02	0.7639570E 02	0.7765524E 02	100.490	20.100	0.005052	5	29.240
-0.4007237E 02	-0.1370597E 01	0.1459443E 01	250.002	41.767	0.006005	6	39.000
-0.4006309E 02	-0.1079300E 02	0.4600100E 02	203.674	29.694	0.002201	7	40.956
0.1741770E 01	0.1441401E 01	0.2260091E 01	39.611	4.951	0.010035	8	46.704
0.2204097E 02	0.2132007E 01	0.2143990E 01	63.936	9.326	0.010005	9	52.632
-0.1977205E 02	0.1120002E 01	0.1130107E 01	100.064	10.000	0.005554	10	50.400

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 25

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 404 CTR 104 CR 22.1 TR 2 FLAP BEND 5						
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
-0.2669144E 05						1 9.917
0.2264120E 04	0.2600991E 04	0.3494470E 04	49.040	49.040	0.016053	2 11.034
0.4016000E 03	-0.5505000E 04	0.5000000E 04	274.112	137.056	1.000000	3 17.751
0.2326732E 04	0.3196619E 03	0.2740000E 04	7.024	2.000	0.419296	4 23.669
-0.4206104E 03	0.2399524E 03	0.4037710E 03	150.346	37.906	0.006306	5 29.506
0.6532136E 03	-0.2470561E 02	0.6530000E 03	357.024	71.567	0.116727	6 35.303
-0.2204703E 03	-0.9449503E 02	0.2399504E 03	203.250	33.877	0.042044	7 41.420
0.1910730E 03	-0.4700301E 02	0.1967002E 03	344.157	69.451	0.035140	8 47.337
-0.7351022E 02	0.4400345E 02	0.9930974E 02	137.700	17.213	0.017760	9 53.254
-0.1377333E 02	0.1201043E 03	0.1200710E 03	94.530	10.724	0.021602	10 59.172
0.3700994E 01	0.4749906E 02	0.4761006E 02	85.635	0.544	0.000502	

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 404 CTR 104 CR 22.1 TR 4 FLAPWISE 45						
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
-0.4496123E 03						1 9.917
0.1096310E 04	0.3041426E 03	0.1161663E 04	9.310	10.310	1.000000	2 11.034
-0.1105179E 04	-0.1232333E 03	0.1095314E 03	220.114	114.057	0.142495	3 17.751
-0.7765710E 02	-0.9230457E 01	0.7020400E 02	100.704	62.261	0.067321	4 23.669
0.2500290E 03	0.1222092E 03	0.2055071E 03	75.943	6.336	0.245775	5 29.506
-0.1370610E 03	0.5212772E 02	0.1466204E 03	190.174	31.035	0.126216	6 35.303
0.1300613E 03	0.7010957E 02	0.1501503E 03	29.414	4.902	0.137009	7 41.420
-0.2130062E 03	0.1000452E 03	0.2307139E 03	153.620	27.047	0.209403	8 47.337
0.0211027E 02	-0.0335734E 01	0.0200463E 02	354.029	44.354	0.070623	9 53.254
-0.2390174E 02	-0.3490011E 02	0.6261077E 02	245.516	27.200	0.053903	10 59.172
-0.6470012E 02	-0.3400000E 02	0.7544000E 02	200.100	20.011	0.063225	

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 404 CTR 104 CR 22.1 TR 6 FLAPWISE 75						
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
0.230.403E 03						1 9.917
0.1011100E 04	-0.5020000E 03	0.1120337E 04	333.337	333.337	1.000000	2 11.034
-0.1936392E 03	0.9962944E 03	0.6275730E 03	100.166	94.003	0.993700	3 17.751
-0.2069022E 03	-0.1992277E 02	0.2677351E 03	104.270	61.423	0.237073	4 23.669
0.9190143E 02	0.4443311E 02	0.1123041E 03	39.011	0.753	0.099042	5 29.506
-0.1030633E 03	0.6670042E 02	0.1225961E 03	147.039	29.400	0.100904	6 35.303
0.4045013E 01	0.5361340E 02	0.5305315E 02	85.051	14.175	0.047006	7 41.420
0.7450957E 01	0.4605997E 02	0.4725732E 02	60.930	11.506	0.041001	8 47.337
-0.1699613E 02	0.3474323E 02	0.3067947E 02	116.004	14.900	0.004050	9 53.254
-0.2094170E 01	0.1293611E 02	0.1327361E 02	102.946	11.439	0.011753	10 59.172
0.1643277E 02	0.1114016E 02	0.6331772E 02	74.950	7.406	0.050004	

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 404 CTR 104 CR 22.1 TR 7 FLAPWISE 115						
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
-0.4441021E 03						1 9.917
0.1100500E 04	-0.9129033E 03	0.1429000E 04	320.334	320.334	1.000000	2 11.034
-0.0349000E 02	0.6954140E 03	0.6903070E 03	90.042	40.421	0.400490	3 17.751
-0.2009000E 03	0.1370139E 03	0.2440000E 03	145.901	40.660	0.171207	4 23.669
-0.3430000E 01	-0.6724614E 02	0.6731993E 02	267.073	64.700	0.047007	5 29.506
-0.3700000E 01	0.2072740E 01	0.4750200E 01	142.700	20.950	0.003303	6 35.303
-0.0771000E 02	-0.5047379E 02	0.1054153E 03	213.400	35.015	0.073733	7 41.420
0.9990000E 02	-0.1106409E 03	0.1400040E 03	312.000	44.304	0.104270	8 47.337
-0.5240920E 02	-0.1000240E 02	0.5343370E 02	190.700	23.040	0.073734	9 53.254
-0.1770900E 02	0.4792024E 01	0.1042010E 02	164.021	10.325	0.012004	10 59.172
0.5710570E 01	-0.7700221E 01	0.9602917E 01	300.291	30.029	0.006750	

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 25

HARMONIC ANALYSIS MODEL XP-51A SHIP 1002C T 494 CTR 104 CR 22.1 TR 10 FLAPWISE 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.0093514E 03							
0.0259329E 03	-0.0959910E 03	0.1210591E 04	312.670	312.670	1.000000	1	5.917
0.2500914E 01	0.4203704E 03	0.4203702E 03	89.652	44.026	0.351536	2	11.034
-0.1162013E 03	0.3547001E 03	0.3733420E 03	100.135	30.043	0.300373	3	17.751
-0.1104397E 03	-0.5511001E 02	0.1234301E 03	206.523	51.631	0.101299	4	23.669
0.4916402E 02	-0.7536210E 02	0.0990003E 02	303.119	60.624	0.073040	5	29.506
-0.1990956E 01	-0.3393251E 01	0.3401129E 02	266.630	44.430	0.027910	6	35.503
-0.4290412E 02	-0.5062137E 01	0.6501213E 02	230.200	32.557	0.055007	7	41.420
0.3082360E 02	-0.4697067E 02	0.6044402E 02	309.571	30.056	0.055013	8	47.337
0.7000971E 01	0.1277070E 01	0.7900490E 01	9.302	1.034	0.000007	9	53.254
-0.1164015E 02	-0.4924673E 02	0.5059906E 02	236.913	25.691	0.041690	10	59.172

HARMONIC ANALYSIS MODEL XP-51A SHIP 1002C T 494 CTR 104 CR 22.1 TR 11 FLAPWISE 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1210339E 04							
0.4531005E 03	-0.6656620E 03	0.0100390E 03	304.032	304.032	1.000000	1	5.917
0.3079901E 02	0.1941020E 03	0.1977425E 03	70.696	70.348	0.244690	2	11.034
0.0094254E 02	0.4446113E 03	0.4534202E 03	70.607	26.229	0.359120	3	17.751
-0.1701246E 03	0.1364955E 03	0.2101133E 03	141.259	35.315	0.260964	4	23.669
-0.2167420E 00	-0.1213045E 03	0.1213047E 03	269.090	53.900	0.149604	5	29.506
0.7027429E 02	-0.3757315E 02	0.0662512E 02	334.350	55.726	0.107067	6	35.503
-0.1000931E 03	0.7592566E 02	0.1254310E 03	142.010	26.403	0.154921	7	41.420
0.6732297E 02	-0.1421041E 02	0.6003571E 02	340.000	43.911	0.004004	8	47.337
0.1301036E 02	-0.2009770E 02	0.2202023E 02	295.543	32.030	0.039495	9	53.254
-0.1160956E 00	-0.1196912E 02	0.1196960E 02	269.644	26.944	0.016700	10	59.172

HARMONIC ANALYSIS MODEL XP-51A SHIP 1002C T 494 CTR 104 CR 22.1 TR 13 FLAPWISE 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.7451230E 03							
0.1409046E 03	-0.3990662E 03	0.4239663E 03	209.412	209.412	0.073956	1	5.917
0.3030243E 02	-0.3735713E 02	0.5750356E 02	315.734	157.050	0.110291	2	11.034
0.2397052E 03	0.4219626E 03	0.4655360E 03	60.392	20.131	1.000000	3	17.751
-0.1907501E 03	0.1624650E 03	0.2587092E 03	140.737	35.104	0.520933	4	23.669
-0.4195966E 02	-0.1211232E 03	0.1201839E 03	256.094	50.179	0.204115	5	29.506
0.0152710E 02	-0.6019630E 02	0.1015412E 03	323.560	53.027	0.200007	6	35.503
-0.1209000E 03	0.1376630E 03	0.1794760E 03	132.340	10.907	0.369001	7	41.420
0.2011034E 02	0.4463997E 02	0.5172946E 02	59.649	7.454	0.100503	8	47.337
0.1500107E 01	0.7304694E 01	0.7475369E 01	77.734	0.037	0.015402	9	53.254
0.0974740E 01	0.1625302E 02	0.1094627E 02	61.093	6.106	0.030255	10	59.172

HARMONIC ANALYSIS MODEL XP-51A SHIP 1002C T 494 CTR 104 CR 22.1 TR 14 FLAPWISE 105

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.3999160E 03							
-0.7993765E 02	-0.1200029E 03	0.1495909E 03	239.493	239.493	0.350000	1	5.917
0.1562542E 02	-0.1420050E 03	0.1437377E 03	276.241	170.120	0.323705	2	11.034
0.3122720E 03	0.3155909E 03	0.4439292E 03	45.301	15.100	1.000000	3	17.751
-0.1152264E 03	0.2020546E 03	0.2320000E 03	119.695	29.924	0.523959	4	23.669
-0.9476042E 02	-0.7253531E 02	0.9087206E 02	232.959	44.592	0.204701	5	29.506
0.0114502E 02	-0.6421050E 02	0.1034020E 03	321.642	53.607	0.233105	6	35.503
-0.0476223E 02	0.1306650E 03	0.1674023E 03	124.213	17.745	0.377723	7	41.420
0.1254097E 02	0.5666925E 02	0.5004031E 02	77.521	9.400	0.130742	8	47.337
-0.7909021E 02	-0.9700004E 00	0.2911442E 02	101.925	20.214	0.069704	9	53.254
-0.3536490E 01	-0.4066747E 01	0.6019955E 01	234.620	23.403	0.013952	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 25

HARMONIC ANALYSIS MODEL RN-31A SHIP 1002C T 494 CTR 104 CR 22.1 TR 1 CHORD 8000 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.0342491E 04						1	5.917
0.3434069E 03	0.2903210E 03	0.2903764E 03	88.000	88.000	1.000000	2	11.834
-0.3787163E 04	0.9703767E 03	0.3011740E 04	145.501	82.750	0.134713	3	17.751
-0.3074773E 03	-0.7552054E 03	0.8534170E 03	242.261	88.747	0.720390	4	23.669
-0.4751813E 02	0.1090076E 03	0.1195600E 03	113.317	28.320	0.004116	5	29.586
-0.5109750E 02	0.5710109E 03	0.5732920E 03	95.114	19.623	0.010743	6	35.503
0.9136263E 02	0.1466670E 03	0.1727954E 03	50.000	6.000	0.005931	7	41.420
-0.2091323E 03	-0.4462666E 01	0.2091914E 03	101.107	25.072	0.007204	8	47.337
-0.7075620E 02	0.1702907E 03	0.1927475E 03	111.536	13.042	0.004430	9	53.254
0.7109474E 02	-0.3674997E 03	0.3546364E 03	201.557	31.204	0.012213	10	59.172
0.2057823E 03	0.0900417E 01	0.2039244E 03	1.014	0.101	0.000770		

HARMONIC ANALYSIS MODEL RN-31A SHIP 1002C T 494 CTR 104 CR 22.1 TR 5 CHORD 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1300370E 03						1	5.917
-0.1290043E 03	0.1771744E 03	0.1772052E 03	91.046	91.046	1.000000	2	11.834
-0.2037951E 04	0.7646990E 03	0.2172931E 04	150.307	70.600	0.122622	3	17.751
0.1430162E 03	0.3053779E 03	0.3373400E 03	64.782	21.594	0.010049	4	23.669
0.2401653E 03	0.4523270E 03	0.5123003E 03	62.044	15.511	0.020911	5	29.586
0.1709750E 02	0.7365494E 02	0.1090455E 03	22.020	4.566	0.010713	6	35.503
-0.3443311E 03	-0.9996679E 02	0.3574610E 03	195.578	32.906	0.000172	7	41.420
0.1032049E 03	-0.5112210E 02	0.1099410E 03	345.100	49.312	0.011203	8	47.337
-0.3677074E 02	-0.7054917E 02	0.7540043E 02	249.714	31.152	0.004750	9	53.254
0.2070774E 02	0.6000443E 02	0.7727724E 02	59.061	6.000	0.004361	10	59.172
0.2007521E 02	-0.3007406E 01	0.2109073E 02	351.002	35.100	0.004100		

HARMONIC ANALYSIS MODEL RN-31A SHIP 1002C T 494 CTR 104 CR 22.1 TR 8 CHORD 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1033414E 03						1	5.917
0.4253200E 03	0.7261047E 04	0.7273402E 04	88.640	88.640	1.000000	2	11.834
0.9131305E 02	0.8241630E 03	0.8292007E 03	93.676	41.039	0.114004	3	17.751
0.4774612E 03	0.7902236E 03	0.9301235E 03	59.114	14.765	0.127070	4	23.669
0.4031010E 03	0.9477923E 03	0.1077904E 04	63.573	15.043	0.140104	5	29.586
0.3143120E 02	0.4610042E 03	0.4644644E 03	83.640	16.720	0.003057	6	35.503
-0.3233437E 03	0.2571023E 03	0.4403004E 03	137.500	22.633	0.000573	7	41.420
0.1235734E 03	0.1030170E 03	0.2009316E 03	39.304	5.615	0.030724	8	47.337
0.9022047E 01	0.1045744E 03	0.1050347E 03	84.434	10.379	0.014441	9	53.254
0.1020037E 03	0.5064175E 03	0.5107466E 03	70.525	8.725	0.071049	10	59.172
-0.4000700E 02	0.7933177E 03	0.2073003E 03	101.571	10.137	0.000513		

HARMONIC ANALYSIS MODEL RN-31A SHIP 1002C T 494 CTR 104 CR 22.1 TR 12 CHORD 197							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.7112044E 04						1	5.917
-0.3001233E 03	0.2430730E 04	0.2449104E 04	97.039	97.039	1.000000	2	11.834
-0.2409103E 03	0.4560730E 00	0.2409107E 03	179.462	89.046	0.000263	3	17.751
0.8203930E 02	-0.8229820E 01	0.8245103E 02	354.272	110.001	0.033669	4	23.669
0.1073514E 03	0.7000001E 02	0.2000323E 03	20.511	5.120	0.001673	5	29.586
-0.3010042E 02	-0.0110107E 02	0.0653904E 02	290.421	50.604	0.033334	6	35.503
-0.2640930E 03	-0.6090530E 02	0.2710010E 03	192.044	32.157	0.110976	7	41.420
0.0736000E 02	-0.6090643E 02	0.1113153E 03	321.709	45.950	0.045450	8	47.337
-0.3060200E 02	-0.3106390E 02	0.5060670E 02	236.003	29.050	0.024574	9	53.254
0.3011004E 02	0.1074133E 01	0.1014523E 03	70.210	8.600	0.070640	10	59.172
-0.1120001E 03	0.6640533E 02	0.1311020E 03	149.523	14.952	0.053529		

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 25

HARMONIC ANALYSIS MODEL HM-51A SNIP 1002C T 404 CTR 104 CR 22.1 TR 9 TORSION 119

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1496430E 03	-0.1491797E 03	0.2271444E 03	311.701	311.701	1.000000	1	5.917
0.1513444E 03	0.1433744E 03	0.1540097E 03	110.741	99.120	0.401900	2	11.034
-0.1040733E 03	-0.7077189E 02	0.1019700E 03	203.030	60.943	0.001160	3	17.751
0.9357140E 02	0.0302000E 02	0.0317134E 02	49.901	12.415	0.300161	4	23.049
0.9040223E 02	-0.0671777E 01	0.5005524E 02	593.000	70.716	0.263512	5	29.506
0.1241773E 02	0.2030994E 02	0.2755644E 02	63.170	10.520	0.121317	6	35.503
0.5777330E 02	-0.0063944E 01	0.3200150E 02	351.231	90.176	0.232054	7	41.420
-0.3305107E 02	0.3924501E 02	0.5130032E 02	130.103	16.263	0.225004	8	47.337
0.3471609E 02	0.4273100E 02	0.5505495E 02	50.900	5.054	0.242367	9	53.254
-0.7011679E 01	0.3824703E 01	0.0690710E 01	153.006	15.300	0.030300	10	59.172

HARMONIC ANALYSIS MODEL HM-51A SNIP 1002C T 404 CTR 104 CR 22.1 TR 15 TORSION 109

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2320534E 03	-0.4976727E 02	0.0627964E 02	324.771	324.771	1.000000	1	5.917
0.7047407E 02	0.4003230E 02	0.4430270E 02	120.307	60.153	0.537327	2	11.034
-1.2341121E 02	-0.7377170E 01	0.5105072E 02	100.314	62.771	0.501309	3	17.751
-0.5040437E 02	0.1136100E 02	0.1000032E 02	42.300	10.571	0.199725	4	23.049
0.1240243E 02	-0.0134000E 01	0.3314267E 02	304.002	60.000	0.304141	5	29.506
0.9109907E 02	0.1230000E 02	0.1400190E 02	62.230	10.373	0.162203	6	35.503
0.0322140E 01	0.7302000E 01	0.2042300E 02	70.091	2.993	0.230710	7	41.420
0.1907200E 02	0.1490121E 02	0.1909032E 02	120.442	16.050	0.220570	8	47.337
-0.1107300E 02	0.0323730E 01	0.1000013E 02	20.114	3.124	0.309025	9	53.254
0.1909900E 02	0.1309122E 01	0.1490301E 01	107.051	10.705	0.016919	10	59.172

HARMONIC ANALYSIS MODEL HM-51A SNIP 1002C T 404 CTR 104 CR 22.1 TR 29 PITCH LINE

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.0927722E 02	0.0744703E 02	0.1103321E 03	117.967	117.967	1.000000	1	5.917
-0.9174104E 02	-0.2007015E 02	0.2731350E 02	310.000	199.410	0.747950	2	11.034
0.1709432E 02	0.2321227E 02	0.3423153E 02	75.044	0.940	0.127903	3	17.751
0.4251270E 02	-0.3703935E 02	0.3050072E 02	253.730	63.437	0.340670	4	23.049
-0.1079423E 02	0.3079430E 01	0.0771024E 01	161.036	32.331	0.000567	5	29.506
-0.0073294E 01	-0.1119341E 02	0.1222052E 02	243.070	40.900	0.110701	6	35.503
-0.4904232E 01	0.3944932E 00	0.3170240E 01	344.957	40.991	0.020000	7	41.420
0.3130374E 01	0.1304000E 01	0.2702000E 01	122.500	15.323	0.023223	8	47.337
-0.1490734E 01	0.4329193E 01	0.4900711E 01	109.061	12.277	0.041001	9	53.254
-0.4270123E 00	0.3012470E 01	0.3923540E 01	103.000	10.367	0.039501	10	59.172

HARMONIC ANALYSIS MODEL HM-51A SNIP 1002C T 404 CTR 104 CR 22.1 TR 20 PLANE ABLE

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3267231E 01	-0.1713051E 01	0.2116313E 01	303.921	303.921	1.000000	1	5.917
0.1241970E 01	0.2307700E 01	0.3520422E 01	177.309	60.903	0.016672	2	11.034
-0.3014744E 01	-0.2149412E 01	0.3071490E 01	213.053	71.210	0.010294	3	17.751
-0.3220000E 01	0.1227500E 00	0.1233501E 00	04.376	21.094	0.090203	4	23.049
0.1200724E 01	-0.1427319E 02	0.4040007E 02	342.024	60.940	0.002207	5	29.506
0.4424233E 02	0.3407577E 02	0.7463171E 02	10.029	3.137	0.003520	6	35.503
0.7004110E 02	0.3130040E 02	0.1912030E 01	157.979	23.997	0.007140	7	41.420
-0.1470673E 02	0.1051400E 01	0.1964936E 01	70.430	0.003	0.004209	8	47.337
0.0307391E 02	-0.1900390E 01	0.1509220E 01	299.000	33.322	0.007131	9	53.254
0.7522371E 02	-0.2020033E 01	0.3045711E 01	247.005	24.700	0.010992	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 26

HARMONIC ANALYSIS MODEL NO-51A SMP 1002C T 4% CTR 264 CR 11.0 TR 2 PL. 0000 4							
AJ	BJ	CJ	PHIJC	PSIJC	CAPJC/MR	J	FREQUENCY
-0.3151120E 00							
0.3011250E 04	0.5450637E 04	0.4001300E 04	35.265	65.265	0.702002	1	5.002
0.9600400E 00	-0.7514707E 04	0.7570621E 04	277.329	130.662	1.000000	2	11.705
0.3134400E 04	-0.1042710E 03	0.2141350E 04	356.137	114.712	0.263627	3	17.047
-0.3000470E 00	-0.1042711E 03	0.4013500E 03	207.331	51.653	0.052072	4	23.520
-0.3000470E 00	-0.4000015E 00	0.4000120E 03	134.004	44.907	0.063400	5	29.412
-0.1729330E 00	-0.3042720E 03	0.2094634E 03	234.410	30.040	0.030007	6	35.204
0.3012701E 03	-0.2307700E 00	0.3000663E 03	319.474	49.668	7.040000	7	41.170
-0.3042340E 00	0.3000200E 00	0.3140000E 00	100.120	17.244	0.041516	8	47.090
-0.9000000E 02	-0.7000400E 02	0.1220000E 03	217.643	24.105	0.016107	9	52.941
0.4040700E 02	-0.1040600E 02	0.1207550E 03	204.534	20.634	0.010007	10	58.824

HARMONIC ANALYSIS MODEL NO-51A SMP 1000C T 4% CTR 264 CR 11.0 TR 4 PL. 0000 05							
AJ	BJ	CJ	PHIJC	PSIJC	CAPJC/MR	J	FREQUENCY
-0.1000700E 04							
0.1200000E 04	0.0037400E 03	0.1012240E 04	12.104	12.104	1.000000	1	5.002
-0.1070000E 00	-0.3023400E 00	0.3033311E 03	247.702	123.031	0.107004	2	11.705
-0.1152300E 00	-0.1700010E 03	0.3040000E 00	237.230	70.070	0.100074	3	17.047
0.1021400E 00	0.1100214E 00	0.2162251E 03	32.600	0.152	0.140001	4	23.520
0.3117000E 00	0.2147130E 00	0.3700310E 03	34.595	0.011	0.200021	5	29.412
0.7041731E 02	0.0041400E 02	0.1137010E 03	47.013	7.004	0.070004	6	35.204
-0.4000000E 00	0.0700310E 02	0.4024000E 03	160.044	24.121	0.200009	7	41.170
0.3000000E 00	-0.3012340E 03	0.4074000E 03	310.057	30.057	0.200077	8	47.090
0.1020400E 00	0.1344044E 03	0.2240000E 00	43.177	4.041	0.100157	9	52.941
-0.4000040E 00	0.1100000E 00	0.1310000E 03	110.150	11.015	0.007217	10	58.824

HARMONIC ANALYSIS MODEL NO-51A SMP 1000C T 4% CTR 264 CR 11.0 TR 6 PL. 0000 75							
AJ	BJ	CJ	PHIJC	PSIJC	CAPJC/MR	J	FREQUENCY
-0.1100700E 00							
0.3000000E 04	-0.4125000E 03	0.1170000E 04	320.637	320.637	1.000000	1	5.002
-0.1070000E 03	0.7000000E 00	0.7000430E 03	101.093	50.747	0.070007	2	11.705
-0.3022300E 00	-0.1270440E 03	0.2017734E 03	300.000	62.649	0.247005	3	17.047
0.1210700E 00	0.0302351E 02	0.1000004E 00	34.530	0.033	0.123700	4	23.520
0.2340000E 00	0.1137530E 03	0.2502207E 03	74.134	5.227	0.210405	5	29.412
0.1700700E 01	0.5040010E 02	0.5040670E 02	60.951	14.725	0.050402	6	35.204
0.4000000E 02	-0.5070000E 02	0.5200000E 02	341.151	40.740	0.004023	7	41.170
-0.7000000E 02	-0.5000000E 02	0.7072700E 02	300.070	23.067	0.000007	8	47.090
0.0400700E 01	-0.7100000E 02	0.7200400E 02	276.702	30.751	0.040257	9	52.941
0.1040700E 02	-0.7100000E 02	0.7300000E 02	200.205	20.520	0.002942	10	58.824

HARMONIC ANALYSIS MODEL NO-51A SMP 1002C T 4% CTR 264 CR 11.0 TR 7 PL. 0000 115							
AJ	BJ	CJ	PHIJC	PSIJC	CAPJC/MR	J	FREQUENCY
-0.0701400E 03							
0.1000000E 04	-0.1000000E 04	0.1400103E 04	312.999	312.999	1.000000	1	5.002
-0.0000400E 01	0.0000000E 03	0.0000570E 03	90.010	45.509	0.500772	2	11.705
-0.1040270E 00	0.2400270E 03	0.2783591E 03	18.971	30.657	0.100705	3	17.047
0.3000700E 02	-0.1400040E 00	0.2407327E 03	277.014	69.070	0.000000	4	23.520
-0.3000000E 02	-0.2014000E 02	0.3007300E 02	211.053	42.301	0.020050	5	29.412
0.1104022E 00	0.3000070E 02	0.2042001E 02	66.045	11.000	0.010743	6	35.204
0.1500040E 00	-0.5752700E 02	0.1642597E 03	359.499	40.500	0.110020	7	41.170
-0.1400730E 00	0.1000000E 03	0.2230100E 03	131.254	16.407	0.151202	8	47.090
-0.1304020E 00	0.1027400E 02	0.1310000E 03	175.940	29.301	0.007004	9	52.941
-0.2000300E 02	-0.1100000E 02	0.2044700E 02	204.570	20.657	0.017002	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 26

HARMONIC ANALYSIS MODEL RM-S1A SNIP 1002C T 494 CTR 204 CR 11.0 TR 10 PL. COND 100

AJ	BJ	CJ	PMJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.730406E 02	-0.100000E 00	0.121042E 04	301.370	301.370	1.000000	1	9.002
0.030572E 03	0.337164E 00	0.942010E 03	01.725	00.002	0.005142	2	11.705
0.701240E 02	0.430101E 03	0.435043E 04	70.300	20.100	0.354702	3	17.047
0.000007E 02	-0.177040E 03	0.100000E 03	230.310	30.020	0.130027	4	23.320
-0.002071E 02	-0.213411E 03	0.007240E 00	200.210	41.003	0.200271	5	20.012
-0.301031E 01	-0.000770E 02	0.001720E 02	267.400	44.301	0.000207	6	26.200
-0.000031E 01	0.001220E 00	0.100000E 03	170.007	23.007	0.002031	7	01.170
0.007210E 02	-0.000000E 00	0.000000E 02	300.000	30.000	0.072000	8	07.000
0.210470E 02	0.000000E 00	0.210470E 02	1.000	0.170	0.017000	9	02.000
-0.120402E 02	0.750410E 02	0.770000E 02	00.001	0.000	0.000001	10	00.000

HARMONIC ANALYSIS MODEL RM-S1A SNIP 1002C T 494 CTR 204 CR 11.0 TR 11 PL. COND 157

AJ	BJ	CJ	PMJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.000000E 00	-0.700000E 00	0.070000E 03	200.000	200.000	1.000000	1	9.002
0.000000E 00	0.100000E 03	0.200000E 03	01.001	00.001	0.200000	2	11.705
0.100000E 00	0.410100E 03	0.400000E 03	30.120	10.070	0.250000	3	17.047
0.257000E 00	-0.010000E 02	0.120000E 03	100.000	00.017	0.100000	4	23.320
-0.110000E 00	-0.010000E 02	0.000000E 03	200.000	00.000	0.700000	5	20.012
-0.001000E 00	-0.200000E 02	0.000000E 03	200.000	00.000	0.200000	6	26.200
-0.001000E 00	-0.100000E 02	0.100000E 03	100.000	00.000	0.100000	7	01.170
0.001000E 00	-0.010000E 02	0.010000E 03	000.000	00.001	0.000000	8	07.000
0.000000E 00	-0.010000E 02	0.110000E 03	10.001	1.071	0.100000	9	02.000
0.000000E 00	0.110000E 03	0.010000E 02	10.001	1.071	0.000000	10	00.000

HARMONIC ANALYSIS MODEL RM-S1A SNIP 1002C T 494 CTR 204 CR 11.0 TR 13 PL. COND 172

AJ	BJ	CJ	PMJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.320000E 03	-0.000000E 00	0.070000E 03	200.000	200.000	0.700000	1	9.002
0.111732E 03	-0.110000E 03	0.100000E 03	01.100	00.001	0.200000	2	11.705
0.110000E 03	0.300000E 03	0.300000E 03	00.000	00.000	0.000000	3	17.047
0.300000E 03	-0.300000E 03	0.300000E 03	100.000	00.000	0.000000	4	23.320
-0.300000E 03	-0.300000E 03	0.300000E 03	000.000	00.000	0.000000	5	20.012
-0.300000E 03	-0.300000E 03	0.300000E 03	000.000	00.000	0.000000	6	26.200
-0.300000E 03	-0.300000E 03	0.300000E 03	000.000	00.000	0.000000	7	01.170
0.300000E 03	-0.300000E 03	0.300000E 03	000.000	00.000	0.000000	8	07.000
0.300000E 03	-0.300000E 03	0.300000E 03	000.000	00.000	0.000000	9	02.000
0.300000E 03	-0.300000E 03	0.300000E 03	000.000	00.000	0.000000	10	00.000

HARMONIC ANALYSIS MODEL RM-S1A SNIP 1002C T 494 CTR 204 CR 11.0 TR 14 PL. COND 100

AJ	BJ	CJ	PMJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.000000E 02	-0.250000E 03	0.207042E 03	252.200	252.200	0.200000	1	9.002
-0.000000E 02	-0.250000E 03	0.207042E 03	252.200	252.200	0.200000	2	11.705
0.000000E 02	0.220000E 00	0.000000E 03	30.310	10.000	0.000000	3	17.047
0.000000E 02	0.017720E 02	0.011712E 02	03.000	10.707	0.130027	4	23.320
-0.000000E 02	-0.017720E 02	0.011712E 02	03.000	10.707	0.130027	5	20.012
-0.130000E 03	-0.270000E 03	0.200000E 03	200.000	00.000	0.000000	6	26.200
-0.130000E 03	-0.270000E 03	0.200000E 03	200.000	00.000	0.000000	7	01.170
-0.130000E 03	-0.270000E 03	0.200000E 03	200.000	00.000	0.000000	8	07.000
0.300000E 03	-0.250000E 03	0.207042E 03	252.200	252.200	0.200000	9	02.000
0.300000E 03	-0.250000E 03	0.207042E 03	252.200	252.200	0.200000	10	00.000

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 26

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 404 CTR 264 CR 11.0 TR 1 CM. BEND 6							
AJ	BJ		CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
0.1132135E 05							
-0.2050264E 04	0.3747297E 05	0.3752901E 05	93.132	93.132	1.000000	1	9.882
-0.3000351E 04	-0.1363829E 04	0.3360643E 04	203.869	181.934	0.009756	2	11.765
-0.3295654E 03	-0.3273254E 03	0.4644964E 03	224.005	74.935	0.012377	3	17.647
-0.3561497E 03	-0.5354337E 02	0.3601519E 03	188.550	47.137	0.009597	4	23.529
-0.3470332E 03	-0.3601663E 03	0.3001520E 03	226.004	45.213	0.013327	5	29.412
0.3927740E 02	0.0773650E 02	0.0614520E 02	65.000	10.901	0.001362	6	35.294
-0.4051453E 03	-0.2654124E 03	0.5530003E 03	200.682	20.012	0.014735	7	41.176
0.1026120E 03	-0.7665674E 03	0.7060227E 03	203.401	35.425	0.020998	8	47.059
-0.7050591E 02	-0.3007711E 02	0.3179560E 03	104.206	11.568	0.000472	9	52.941
0.7657095E 02	-0.9106377E 00	0.7650647E 02	359.500	35.930	0.001907	10	58.824

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 404 CTR 264 CR 11.0 TR 5 CM. BEND 45							
AJ	BJ		CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
0.1647090E 05							
-0.1731142E 04	0.2230091E 05	0.2245633E 05	94.421	94.421	1.000000	1	9.882
-0.1702671E 04	-0.6565994E 03	0.1024826E 04	201.095	100.547	0.001259	2	11.765
0.3000047E 03	0.3315635E 03	0.3366120E 03	80.063	26.008	0.010990	3	17.647
0.7159214E 03	0.2677344E 03	0.7643490E 03	20.504	5.726	0.034037	4	23.529
-0.5997700E 03	-0.1062613E 03	0.4462332E 03	306.379	41.276	0.010871	5	29.412
-0.4064409E 02	0.4164470E 03	0.4100032E 03	98.730	14.455	0.010672	6	35.294
0.1667914E 00	0.1009299E 03	0.1042154E 03	34.116	4.874	0.000646	7	41.176
-0.2152799E 03	0.1670395E 03	0.2729724E 03	142.009	17.797	0.012176	8	47.059
0.1906664E 02	-0.2439648E 03	0.3643968E 03	276.640	30.519	0.010031	9	52.941
0.1546449E 03	-0.1003332E 03	0.1071006E 03	323.740	32.576	0.000331	10	58.824

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 404 CTR 264 CR 11.0 TR 8 CM. BEND 115							
AJ	BJ		CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
-0.0605109E 04							
-0.7717440E 03	0.9462570E 04	0.9513922E 04	94.453	94.453	1.000000	1	9.882
-0.6904424E 03	-0.5444277E 03	0.0056337E 03	217.936	108.960	0.003001	2	11.765
0.1056709E 03	0.2629623E 02	0.1974296E 03	7.455	2.552	0.020752	3	17.647
0.7002260E 03	0.1448294E 02	0.7004005E 03	1.195	0.209	0.003009	4	23.529
-0.6335000E 02	0.2110749E 03	0.2211627E 03	100.647	21.329	0.023244	5	29.412
-0.3075137E 03	0.5195474E 03	0.3204214E 03	93.321	15.554	0.004701	6	35.294
0.2702234E 03	0.5114140E 02	0.2030679E 03	15.379	1.403	0.029037	7	41.176
0.2700301E 03	0.6390200E 03	0.6903374E 03	64.377	8.297	0.073402	8	47.059
-0.1179930E 03	-0.5793900E 03	0.5914204E 03	256.492	28.721	0.062164	9	52.941
0.0694964E 02	-0.1601133E 00	0.1071730E 03	301.193	30.119	0.019076	10	58.824

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 404 CTR 264 CR 11.0 TR 12 CM. BEND 157							
AJ	BJ		CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
-0.6661336E 04							
-0.3596621E 03	0.3050272E 04	0.3075000E 04	95.326	95.326	1.000000	1	9.882
-0.4152627E 03	-0.3011660E 03	0.5636624E 03	222.547	111.274	0.149461	2	11.765
0.3036059E 00	0.1540042E 02	0.3042730E 03	4.340	1.449	0.052716	3	17.647
0.3076794E 03	-0.2725026E 02	0.3086357E 03	355.979	88.995	0.100293	4	23.529
0.0960090E 01	0.7329102E 02	0.7593239E 02	62.540	16.510	0.019595	5	29.412
-0.2079039E 02	0.3679012E 03	0.2650459E 03	96.143	16.024	0.009431	6	35.294
0.1504000E 03	-0.5300079E 02	0.1640232E 03	341.012	40.030	0.043051	7	41.176
0.2004070E 03	0.4367273E 03	0.4749271E 03	63.061	7.995	0.122564	8	47.059
-0.1090259E 03	-0.3000000E 03	0.3193490E 03	250.000	27.777	0.002413	9	52.941
0.2239464E 02	-0.1566797E 02	0.2733130E 02	325.022	32.502	0.007953	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 26

HARMONIC ANALYSIS MODEL XM-31A SHIP 1002C T 494 CTR 264 CR 11.0 TR 9 TORSION 113

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1007700E 03	-0.1270204E 00	0.1001000E 03	310.000	310.000	0.700000	1	5.002
0.1107150E 00	0.1075544E 03	0.2000000E 03	147.000	75.007	0.007777	2	11.700
-0.1720020E 03	-0.2.000100E 00	0.2000000E 03	250.002	04.021	1.000000	3	17.007
-0.0000000E 02	0.1103300E 03	0.1107700E 03	09.000	21.250	0.710001	4	25.520
-0.0900000E 02	-0.1132300E 03	0.1000000E 03	220.737	05.747	0.000001	5	29.012
0.7000000E 02	0.2007700E 02	0.0470000E 02	30.000	3.300	0.072000	6	30.200
0.0200100E 02	-0.2000000E 01	0.0273333E 02	330.100	31.107	0.000000	7	41.170
-0.7000000E 02	-0.1000000E 02	0.0007300E 02	100.000	23.021	0.000000	8	47.000
0.2010130E 02	0.0323771E 00	0.2000000E 02	10.000	1.000	0.110000	9	52.000
-0.0007372E 01	-0.3000000E 01	0.0000000E 01	100.000	10.000	0.000001	10	50.000

HARMONIC ANALYSIS MODEL XM-31A SHIP 1002C T 494 CTR 264 CR 11.0 TR 15 TORSION 100

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2110470E 02	0.2000000E 02	0.3000000E 02	30.000	30.000	0.110000	1	5.002
0.2720700E 02	-0.0000000E 01	0.1000000E 02	100.000	00.000	1.000000	2	11.700
-0.1000000E 03	-0.0000000E 02	0.0000000E 02	200.100	00.000	0.000000	3	17.007
0.2300000E 02	0.0000000E 02	0.0000000E 02	72.000	10.000	0.000000	4	25.520
0.1510010E 02	0.0000000E 02	0.0000000E 02	220.000	00.000	0.000000	5	29.012
-0.0000000E 02	-0.0000000E 01	0.0000000E 02	10.100	3.000	0.000000	6	30.200
0.1010000E 02	0.0000000E 01	0.1000000E 02	300.000	00.000	0.100000	7	41.170
0.2000000E 02	-0.0000000E 02	0.2000000E 02	20.000	20.000	0.200000	8	47.000
-0.1000000E 02	-0.2000000E 02	0.2000000E 02	30.000	30.000	0.200000	9	52.000
0.2000000E 02	-0.2000000E 01	0.2000000E 02	101.000	10.100	0.000000	10	50.000

HARMONIC ANALYSIS MODEL XM-31A SHIP 1002C T 494 CTR 264 CR 11.0 TR 20 PITCH 100

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1100010E 03	0.1000000E 03	0.1010000E 03	112.000	112.000	1.000000	1	5.002
-0.0270000E 02	-0.2000000E 02	0.2000000E 02	330.000	100.000	0.300000	2	11.700
0.3000000E 02	0.3000000E 02	0.0000000E 02	00.000	10.000	0.200000	3	17.007
0.2200000E 02	-0.3000000E 02	0.0000000E 02	300.000	70.000	0.200000	4	25.520
-0.7000000E 01	0.2100000E 02	0.2271000E 02	100.100	21.000	0.100000	5	29.012
-0.7000000E 01	-0.2000000E 02	0.2000000E 02	250.250	02.200	0.100000	6	30.200
0.0000000E 01	-0.2000000E 01	0.0000000E 01	300.000	00.000	0.000000	7	41.170
-0.0000000E 01	-0.1000000E 01	0.1000000E 01	250.250	31.000	0.000000	8	47.000
0.3000000E 01	0.3000000E 01	0.3000000E 01	00.000	00.000	0.000000	9	52.000
-0.1200000E 01	-0.3000000E 01	0.0000000E 01	250.250	25.250	0.000000	10	50.000

HARMONIC ANALYSIS MODEL XM-31A SHIP 1002C T 494 CTR 264 CR 11.0 TR 26 BLADE ANGLE

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3100000E 01	-0.1000000E 01	0.1000000E 01	300.000	300.000	1.000000	1	5.002
-0.1010000E 01	0.2000000E 01	0.0000000E 01	150.000	70.000	0.000000	2	11.700
0.0000000E 01	-0.0000000E 01	0.0000000E 01	270.000	00.000	0.000000	3	17.007
-0.0000000E 01	0.0000000E 01	0.1127000E 00	120.000	31.000	0.000000	4	25.520
0.3100000E 01	-0.3000000E 01	0.0000000E 01	311.000	02.000	0.000000	5	29.012
0.0000000E 01	0.0000000E 01	0.0000000E 01	30.000	0.000	0.000000	6	30.200
-0.0000000E 01	-0.1000000E 01	0.0000000E 01	300.000	20.000	0.000000	7	41.170
0.3000000E 01	-0.2000000E 01	0.3000000E 01	300.000	00.000	0.000000	8	47.000
-0.0000000E 01	-0.0000000E 01	0.1000000E 01	200.000	20.000	0.000000	9	52.000
0.0000000E 01	0.0000000E 01	0.0000000E 01	00.000	0.000	0.000000	10	50.000

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 27

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 450 CR 39.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.3174258E 05							
-0.5071292E 03	0.7341304E 04	0.7358779E 04	93.952	93.952	0.955872	1	5.882
0.1241127E 04	-0.7597894E 04	0.7498594E 04	279.277	139.639	1.000000	2	11.765
0.4996799E 04	-0.1107597E 04	0.5117587E 04	947.500	115.833	0.664742	3	17.647
-0.1007423E 04	0.1580132E 04	0.1873953E 04	122.520	10.630	0.243415	4	23.529
0.2617078E 04	-0.8190107E 03	0.2742239E 04	342.623	68.525	0.356200	5	29.412
-0.3712290E 03	-0.1369595E 03	0.3956877E 03	200.251	33.335	0.091397	6	35.294
0.4497012E 03	-0.5382632E 03	0.7250054E 03	312.061	46.580	0.294174	7	41.176
-0.3848249E 03	0.5972773E 03	0.7105151E 03	122.794	13.349	0.092791	8	47.059
-0.6195323E 02	0.3000954E 02	0.6883675E 02	154.155	17.128	0.008442	9	52.941
-0.1498774E 02	0.7856545E 02	0.7998217E 02	100.800	10.820	0.010389	10	58.824

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 450 CR 39.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.2283901E 04							
0.5601131E 03	0.1619110E 04	0.1713249E 04	70.917	70.917	1.000000	1	5.882
-0.3332434E 02	-0.1079854E 03	0.1087427E 03	752.049	126.035	0.063179	2	11.765
-0.3086492E 03	-0.1725863E 03	0.3536391E 03	209.212	49.737	0.206408	3	17.647
0.4214626E 03	0.9402174E 02	0.4318225E 03	12.576	3.144	0.252044	4	23.529
-0.1214534E 04	0.2948574E 03	0.1291754E 04	166.376	33.275	0.710624	5	29.412
0.2295901E 03	0.8488564E 02	0.2378846E 03	71.498	1.583	0.138381	6	35.294
-0.6242881E 03	0.6292887E 03	0.8877646E 03	134.867	19.247	0.518171	7	41.176
0.3883564E 03	-0.5493847E 03	0.8421345E 03	304.780	49.087	0.389978	8	47.059
0.1476250E 03	0.1219150E 02	0.1441275E 03	4.721	0.525	0.008459	9	52.941
0.2188310E 02	0.8418828E 02	0.8690837E 02	75.416	7.542	0.058727	10	58.824

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 450 CR 39.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1544841E 03							
0.1889454E 04	-0.3447102E 03	0.1864687E 04	341.146	341.146	1.000000	1	5.882
-0.3228494E 03	0.9364590E 03	0.9985488E 03	189.822	54.511	0.928622	2	11.765
-0.6691321E 03	0.4111659E 02	0.6705940E 03	176.444	58.428	0.628682	3	17.647
0.1881678E 03	-0.2164173E 03	0.2727751E 03	388.181	77.045	0.255722	4	23.529
-0.6868890E 03	0.1774309E 03	0.6383752E 03	163.652	32.730	0.590965	5	29.412
0.9868844E 02	0.3993901E 02	0.9982861E 02	23.788	3.965	0.802830	6	35.294
0.2922845E 02	0.6916113E 02	0.7508369E 02	67.090	9.584	0.878390	7	41.176
-0.5418933E 02	-0.1247113E 02	0.5548587E 02	192.960	24.120	0.052129	8	47.059
-0.3459584E 02	-0.2233812E 02	0.4118889E 02	212.850	23.450	0.038686	9	52.941
-0.2162491E 02	-0.2484382E 02	0.3253931E 02	227.639	22.764	0.030985	10	58.824

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 450 CR 39.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.5928973E 03							
0.1867418E 04	-0.9390137E 03	0.1419018E 04	318.783	318.783	1.000000	1	5.882
-0.1156833E 03	0.9141987E 03	0.9214788E 03	97.207	48.604	0.649378	2	11.765
-0.5512950E 03	0.3498777E 03	0.7798720E 03	135.105	45.035	0.549027	3	17.647
-0.5636840E 02	-0.2575618E 03	0.2638577E 03	257.655	64.414	0.185883	4	23.529
0.3477217E 03	-0.7703711E 02	0.3561528E 03	947.508	69.587	0.250985	5	29.412
0.3468539E 02	0.5692101E 02	0.6661479E 02	58.702	9.784	0.848964	6	35.294
0.2762422E 03	-0.2518864E 03	0.3718864E 03	317.527	45.361	0.262817	7	41.176
-0.1999142E 03	0.3532981E 03	0.4059355E 03	119.504	14.938	0.288888	8	47.059
-0.8788464E 01	0.7883989E 02	0.7895474E 02	95.419	18.487	0.058884	9	52.941
0.2899975E 02	0.9825581E 02	0.9266625E 02	76.902	7.640	0.065383	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 27

HARMONIC ANALYSIS MODEL TM-51A SHIP 1002C T 500 CTR 459 CR 35.0 TR 10 FL. BEND 140							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1036507E 04							
0.7058045E 03	-0.8736101E 03	0.1123152E 04	308.938	308.938	1.000000	1	5.872
-0.1088552E 03	0.4104729E 03	0.4244614E 03	104.853	52.426	0.378098	2	11.765
-0.3006730E 03	0.7043704E 03	0.7658401E 03	113.111	37.704	0.681067	3	17.647
-0.7128246E 03	0.4943279E 01	0.2178830E 03	178.459	44.665	0.189541	4	23.529
0.6001819E 03	-0.1819797E 03	0.6271641E 03	343.132	68.626	0.558397	5	29.412
-0.5694156E 02	-0.5696289E 02	0.8054259E 02	225.011	37.502	0.071711	6	35.294
-0.8319568E 02	0.2427049E 02	0.8646364E 02	163.734	23.391	0.077161	7	41.176
0.6014888E 02	-0.6719113E 02	0.9019388E 02	311.844	38.980	0.080304	8	47.059
0.4905755E 02	-0.7001871E 01	0.4959430E 02	351.884	39.058	0.044156	9	52.941
0.4725177E 02	0.4320636E 02	0.6539372E 02	43.733	4.373	0.058223	10	58.824

HARMONIC ANALYSIS MODEL TM-51A SHIP 1002C T 500 CTR 459 CR 35.0 TR 11 FL. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.9906753E 03							
0.3120012E 03	-0.6930893E 03	0.7509517E 03	294.549	294.549	1.000000	1	5.892
-0.1528336E 03	0.4790840E 02	0.1601685E 03	162.596	81.298	0.213287	2	11.765
-0.2211682E 02	0.6836960E 03	0.6840535E 03	91.853	30.618	0.010915	3	17.647
-0.2403110E 03	0.2460178E 03	0.3511343E 03	133.188	33.257	0.467586	4	23.529
0.6119290E 03	-0.2914057E 03	0.6779434E 03	334.505	66.901	0.002775	5	29.412
-0.1836573E 03	-0.1341651E 03	0.2274389E 03	216.150	36.029	0.302868	6	35.294
-0.3288203E 03	0.1385215E 03	0.3547881E 03	157.155	22.451	0.475115	7	41.176
0.2382817E 03	-0.3391472E 03	0.4144863E 03	305.091	38.134	0.551948	8	47.059
0.5467833E 02	-0.9049310E 02	0.1083997E 03	303.404	33.712	0.144350	9	52.941
0.3250992E 02	-0.6054622E 02	0.6872217E 02	298.233	29.823	0.091513	10	58.824

HARMONIC ANALYSIS MODEL TM-51A SHIP 1002C T 500 CTR 458 CR 35.0 TR 13 FL. BEND 172							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5437754E 03							
0.788136E 02	-0.3884039E 03	0.3136379E 03	288.482	288.482	0.513821	1	5.882
-0.1987862E 03	-0.2533410E 03	0.3171450E 03	233.017	116.509	0.519557	2	11.765
0.1981974E 03	0.5033679E 03	0.5409817E 03	68.508	22.836	0.086270	3	17.647
-0.1283616E 03	0.3087156E 03	0.3313489E 03	111.300	27.825	0.542837	4	23.529
0.4857641E 03	-0.1334337E 03	0.5037580E 03	344.640	68.928	0.825288	5	29.412
-0.2391657E 03	-0.1603644E 03	0.2881189E 03	213.820	35.637	0.472014	6	35.294
-0.4708225E 03	0.1310704E 03	0.4887126E 03	144.449	23.493	0.800640	7	41.176
0.4820488E 03	-0.4592910E 03	0.6104026E 03	311.198	38.900	1.000000	8	47.059
0.3561423E 02	-0.9698811E 02	0.1031202E 03	290.163	32.240	0.169266	9	52.941
-0.2103894E 02	-0.1360777E 03	0.1376945E 03	261.211	26.121	0.275580	10	58.824

HARMONIC ANALYSIS MODEL TM-51A SHIP 1002C T 500 CTR 458 CR 35.0 TR 14 FL. BEND 185							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5472896E 03							
-0.8644965E 02	-0.1581288E 03	0.1802172E 03	241.334	241.334	0.293368	1	5.882
-0.9373134E 02	-0.2884020E 03	0.3032942E 03	232.094	126.047	0.493719	2	11.765
0.2564202E 03	0.3556133E 03	0.4383777E 03	54.202	18.067	0.713614	3	17.647
-0.7566617E 02	0.3282712E 03	0.3368787E 03	102.980	25.745	0.548390	4	23.529
0.4243848E 03	-0.8180597E 02	0.4321973E 03	349.089	69.818	0.703555	5	29.412
-0.1931721E 03	-0.7890950E 02	0.2046676E 03	202.220	33.703	0.339621	6	35.294
-0.4378574E 03	0.1059833E 03	0.4505012E 03	164.393	23.770	0.733351	7	41.176
0.3684143E 03	-0.4915708E 03	0.6143049E 03	308.850	38.354	1.000000	8	47.059
0.4971906E 02	-0.8198746E 02	0.9588496E 02	301.233	33.470	0.156887	9	52.941
-0.3771507E 02	-0.1498649E 03	0.1545377E 03	255.874	25.587	0.251545	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 27

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 500 CTR 450 CR 35.0 TR 1 CH. BEND 6							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1370760E 05							
-0.4854094E 04	0.5362419E 05	0.5384344E 05	95.172	95.172	1.000000	1	5.882
0.2713920E 04	-0.1647877E 04	0.3175037E 04	328.734	164.367	0.058948	2	11.765
-0.1093148E 04	0.1459256E 03	0.1102845E 04	172.396	57.465	0.020482	3	17.647
0.2510776E 03	-0.0319430E 02	0.2667970E 03	341.805	85.451	0.004948	4	23.529
0.1361204E 04	0.2149861E 04	0.2544550E 04	57.660	11.532	0.047258	5	29.412
-0.9580225E 03	-0.6290791E 03	0.1146101E 04	213.291	35.548	0.021286	6	35.294
0.1391634E 03	0.9582339E 02	0.1689632E 03	34.550	4.936	0.003138	7	41.176
-0.9973333E 03	-0.7710396E 03	0.1260425E 04	217.700	27.213	0.029413	8	47.059
0.1521871E 04	0.1048246E 04	0.1847940E 04	34.559	3.840	0.034321	9	52.941
-0.3409854E 03	0.5345681E 03	0.6340615E 03	122.533	12.253	0.011776	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 500 CTR 450 CR 39.0 TR 5 CH. BEND 45							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1688314E 05							
-0.2874373E 04	0.3341578E 05	0.3353917E 05	94.916	94.916	1.000000	1	5.882
0.1816666E 04	-0.1367973E 04	0.2274120E 04	323.020	161.510	0.067805	2	11.765
0.3321220E 03	0.1582680E 04	0.1617148E 04	78.149	26.050	0.048217	3	17.647
0.6270005E 03	0.5108345E 03	0.7895291E 03	40.317	10.079	0.023541	4	23.529
0.5024899E 03	-0.3718956E 02	0.5840635E 03	355.769	71.154	0.015029	5	29.412
0.4984622E 02	0.5981433E 03	0.6801586E 03	85.312	14.219	0.017894	6	35.294
0.1796367E 03	0.1249457E 03	0.2188173E 03	34.821	4.974	0.006324	7	41.176
0.2379084E 03	0.3882759E 03	0.6354090E 03	68.815	8.562	0.010948	8	47.059
-0.6593144E 02	-0.2276262E 03	0.2369824E 03	253.844	28.295	0.077866	9	52.941
0.1618525E 03	0.1207382E 03	0.2819256E 03	34.722	3.672	0.024821	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 500 CTR 450 CR 39.0 TR 8 CH. BEND 115							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.8906488E 04							
-0.1061088E 04	0.1444432E 05	0.1448324E 05	94.201	94.201	1.000000	1	5.882
0.6754814E 03	-0.1085136E 04	0.1278288E 04	301.982	150.951	0.097754	2	11.765
0.5367676E 03	0.4713706E 03	0.7143594E 03	41.288	13.763	0.049323	3	17.647
0.1010709E 04	0.4173308E 03	0.1093479E 04	22.436	5.689	0.075588	4	23.529
-0.4700049E 03	-0.2644204E 03	0.5402632E 03	209.547	41.989	0.037383	5	29.412
0.7571235E 04	0.7137552E 03	0.7867192E 03	15.766	2.628	0.054316	6	35.294
0.1538088E 03	0.3396680E 03	0.3728691E 03	65.638	9.377	0.025745	7	41.176
0.9183574E 03	0.2098220E 03	0.9428220E 03	12.878	1.689	0.065842	8	47.059
-0.1418829E 04	-0.2393881E 03	0.1438894E 04	189.582	21.885	0.099294	9	52.941
-0.1768245E 03	-0.2165000E 03	0.2798283E 03	230.887	23.089	0.019266	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 500 CTR 450 CR 35.0 TR 12 CH. BEND 197							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.7221477E 04							
-0.5523943E 03	0.6038992E 04	0.6044115E 04	95.226	95.226	1.000000	1	5.882
-0.7713997E 02	-0.5599783E 03	0.5652644E 03	262.156	131.078	0.093215	2	11.765
0.2972402E 03	0.1652728E 03	0.3480981E 03	29.875	9.642	0.056884	3	17.647
0.3469851E 03	0.2289449E 03	0.5979656E 03	22.712	5.678	0.097783	4	23.529
-0.4275798E 03	-0.1105338E 03	0.4416355E 03	194.494	38.899	0.072828	5	29.412
0.4799939E 03	-0.2125835E 02	0.4314773E 03	357.177	59.529	0.071153	6	35.294
0.1027684E 03	0.1707988E 03	0.1993221E 03	58.965	8.424	0.032871	7	41.176
0.5814988E 03	0.9875043E 02	0.5898152E 03	9.638	1.203	0.097263	8	47.059
-0.8987852E 03	0.3136145E 02	0.8993320E 03	178.882	18.778	0.148386	9	52.941
-0.2744025E 03	-0.4872525E 02	0.2788916E 03	198.862	19.886	0.045998	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 27

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 450 CR 34.0 TR 9 TORSION 115

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1837803E 03						1	5.882
0.1048581E 03	-0.5919818E 02	0.1204145E 03	330.553	330.553	0.452319	2	11.765
-0.6351936E 02	0.1533324E 03	0.1661533E 03	112.476	56.238	0.624131	3	17.647
-0.1720411E 03	-0.4762326E 02	0.1785108E 03	195.473	65.158	0.670350	4	23.529
0.3248773E 02	0.978970E 02	0.1030925E 03	71.631	17.908	0.387252	5	29.412
0.2467085E 03	-0.1006283E 03	0.2662156E 03	337.930	67.586	1.000000	6	35.294
-0.4814629E 02	-0.6836886E 01	0.4862979E 02	188.082	31.347	0.182669	7	41.176
C.884903E 02	-0.1130463E 03	0.1435644E 03	308.055	44.000	0.539287	8	47.059
-0.1490848E 02	0.1394474E 03	0.1402001E 03	95.940	11.992	0.526641	9	52.941
-0.8833131E 02	0.1628532E 03	0.1892662E 03	118.475	13.164	0.699926	10	58.824
-0.2233492E 02	0.4278583E 02	0.4782195E 02	117.843	11.794	0.179636		

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 450 CR 39.0 TR 15 TORSION 185

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.6074988E 02						1	5.882
C.1487773E 01	0.9936812E 02	0.9937509E 02	89.188	89.188	0.562465	2	11.765
0.1884795E 02	0.5776609E 01	0.1781273E 02	18.925	9.461	0.100814	3	17.647
-0.3268295E 02	0.7748122E 02	0.8489616E 02	112.877	37.626	0.476810	4	23.529
-0.8484347E 02	0.1449315E 02	0.6566353E 02	167.247	41.812	0.371675	5	29.412
0.1431965E 03	-0.1034731E 03	0.1766690E 03	324.140	64.838	1.000000	6	35.294
0.1667512E 02	0.7732970E 02	0.7918712E 02	77.831	12.972	0.447770	7	41.176
-0.767296E 02	-0.3511170E 02	0.8458668E 02	264.532	29.219	0.478673	8	47.059
0.5776329E 02	-0.3876390E 02	0.6544453E 02	331.961	41.445	0.378636	9	52.941
0.1912371E 01	0.1284588E 03	0.1284710E 03	89.147	8.985	0.727185	10	58.824
-0.6911388E 02	0.2667397E 02	0.7408257E 02	152.896	15.898	0.419330		

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 450 CR 39.0 TR 29 PITCH LINE

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.7836670E 02						1	5.882
-0.9982326E 02	0.2095867E 03	0.2179825E 03	105.880	105.880	1.000000	2	11.765
0.7253879E 02	-0.3838386E 02	0.8243224E 02	132.249	168.124	0.378299	3	17.647
0.8878783E 02	0.1798242E 02	0.8268688E 02	12.561	4.127	0.179864	4	23.529
-0.7882804E 01	-0.4733333E 02	0.4786131E 02	261.483	65.371	0.219646	5	29.412
-0.6922743E 01	0.8645167E 00	0.6976513E 01	172.882	34.576	0.832017	6	35.294
-0.9218911E 01	0.1194188E 02	0.1952394E 02	129.713	21.619	0.671243	7	41.176
-0.7761964E 00	-0.3519886E 01	0.3684297E 01	257.563	36.795	0.816561	8	47.059
0.1918840E 01	-0.2697253E 00	0.3916254E 01	356.969	44.624	0.817973	9	52.941
-0.1846753E 02	0.9876695E 01	0.1914984E 02	148.959	18.521	0.087883	10	58.824
-0.1432328E 02	-0.2993153E 01	0.1463368E 02	191.883	19.180	0.067152		

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 450 CR 39.0 TR 34 BLADE ANGLE

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.3237900E 01						1	5.882
0.1698841E 01	-0.1161423E 01	0.1592670E 01	313.184	313.184	1.000000	2	11.765
-0.8877432E 01	0.5064398E 01	0.1022730E 00	150.277	75.139	0.864178	3	17.647
-0.6986446E 01	-0.5768844E 01	0.7938185E 01	208.345	69.448	0.849837	4	23.529
0.3275974E 01	0.2121657E 00	0.2146788E 00	81.228	28.307	0.134777	5	29.412
-0.3573192E 01	0.2543655E 01	0.4386188E 01	144.554	28.911	0.827537	6	35.294
0.8848824E 03	0.1428895E 01	0.1431670E 01	86.459	14.410	0.888888	7	41.176
0.5721301E 02	0.3494888E 01	0.3548548E 01	88.781	11.529	0.822278	8	47.059
-0.7123046E 02	-0.1614540E 01	0.1744695E 01	246.194	58.774	0.811679	9	52.941
0.2777783E 01	-0.5726248E 01	0.6364733E 01	293.874	32.875	0.899959	10	58.824
0.1256254E 02	-0.1685246E 02	0.2038378E 02	308.046	30.805	0.881288		

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 31

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2903171E 05							
-0.1170917E 04	0.7180039E 04	0.7076762E 04	90.000	90.600	1.000000	1	5.040
-0.4716000E 02	-0.7067335E 04	0.7047312E 04	269.616	134.800	0.094722	2	11.696
0.5534914E 04	-0.0075110E 03	0.5605613E 04	350.990	116.963	0.711645	3	17.544
-0.1634494E 04	0.1676541E 04	0.2204401E 04	130.551	32.638	0.200125	4	23.392
0.3022767E 04	-0.4500562E 03	0.3057276E 04	351.303	70.277	0.300159	5	29.240
-0.4012017E 03	-0.1471490E 03	0.5032739E 03	197.001	32.833	0.063093	6	35.088
0.4094417E 03	-0.5093733E 03	0.7105796E 03	314.261	44.887	0.090212	7	40.936
-0.3010916E 03	0.3063909E 03	0.4782722E 03	126.100	25.764	0.060719	8	46.784
0.3920307E 02	0.5043663E 02	0.7036800E 02	56.143	6.230	0.059971	9	52.632
-0.9217165E 01	0.2426051E 02	0.2483635E 02	102.362	10.236	0.059971	10	58.480

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1633360E 04							
0.3040171E 03	0.1662357E 04	0.1725639E 04	77.140	77.140	1.000000	1	5.040
-0.1454715E 03	-0.1500912E 03	0.2090190E 03	225.895	112.970	0.121126	2	11.696
-0.3577434E 03	-0.2357733E 03	0.4205042E 03	213.390	71.133	0.240316	3	17.544
0.5795695E 03	0.4575772E 02	0.5013726E 03	4.514	1.129	0.336903	4	23.392
-0.1291325E 04	0.7000216E 02	0.1253320E 04	176.790	39.352	0.726200	5	29.240
0.1940290E 00	0.7104233E 02	0.2076531E 03	20.241	3.374	0.120334	6	35.088
-0.0474361E 03	0.4449727E 03	0.7056025E 03	145.500	28.700	0.455253	7	40.936
0.3744744E 03	-0.3430806E 03	0.5070379E 03	317.509	39.609	0.294290	8	46.784
0.1032040E 03	0.3914410E 02	0.1122510E 03	20.410	2.260	0.065069	9	52.632
0.5040695E 02	0.6431342E 02	0.1025676E 03	55.280	5.529	0.099637	10	58.480

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3960347E 03							
0.9007634E 03	-0.4120907E 03	0.9900901E 03	335.374	335.374	1.000000	1	5.040
-0.2050239E 03	0.0417461E 03	0.0824317E 03	107.477	53.730	0.092595	2	11.696
-0.0000020E 03	-0.2652200E 02	0.0400010E 03	101.000	60.603	0.040531	3	17.544
0.2013154E 03	-0.2727161E 03	0.3910064E 03	315.009	70.972	0.395409	4	23.392
-0.7107032E 03	-0.7505247E 00	0.7107034E 03	100.000	36.012	0.725392	5	29.240
0.9991204E 02	0.3000740E 02	0.1072139E 03	21.267	3.544	0.100199	6	35.088
-0.9505013E 01	0.2699910E 02	0.2057000E 02	109.044	15.578	0.020702	7	40.936
-0.5635106E 02	0.2013140E 01	0.5636699E 02	177.934	22.244	0.056905	8	46.784
-0.3327502E 02	-0.9595204E 01	0.3454375E 02	195.704	21.745	0.034002	9	52.632
-0.2370262E 00	-0.3995223E 02	0.4611054E 02	239.007	23.907	0.046535	10	58.480

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.3600402E 03							
0.1050530E 04	-0.1044514E 04	0.1401425E 04	315.165	315.165	1.000000	1	5.040
-0.2773994E 02	0.0154097E 03	0.0159612E 03	01.940	45.974	0.550795	2	11.696
-0.0940132E 05	0.4505030E 03	0.0270501E 03	147.041	49.014	0.550020	3	17.544
-0.1164914E 03	-0.2904660E 03	0.3130149E 03	240.120	62.030	0.211293	4	23.392
0.3167193E 03	-0.6783142E 01	0.3167920E 03	150.773	71.755	0.213043	5	29.240
0.7250500E 01	0.3747549E 02	0.3017030E 02	79.050	13.175	0.025766	6	35.088
0.2097329E 03	-0.1423711E 03	0.3220220E 03	333.031	47.690	0.217914	7	40.936
-0.1936309E 03	0.1944509E 03	0.2744211E 03	134.070	10.060	0.105241	8	46.784
-0.4204361E 02	0.4451721E 02	0.6123273E 02	133.363	14.810	0.041334	9	52.632
-0.2243290E 02	0.2220609E 02	0.3156559E 02	135.290	13.529	0.021300	10	58.480

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 31

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 10 FL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.0668398E 03	-0.1040522E 04	0.1259714E 04	304.310	304.310	1.000000	1	5.040
0.7100644E 03	0.3443410E 03	0.3446106E 03	92.265	44.132	0.275562	2	11.696
-0.1361719E 02	0.3337390E 03	0.7522049E 03	122.404	40.868	0.397187	3	17.544
-0.4033406E 03	-0.3865552E 02	0.3379451E 03	186.568	44.642	0.268271	4	23.392
-0.3357273E 03	-0.4607288E 02	0.6932299E 03	354.023	71.205	0.350307	5	29.240
0.6415600E 03	-0.1039913E 03	0.1496874E 03	224.005	37.334	0.118824	6	35.088
-0.1176668E 03	-0.1304031E 02	0.4187556E 02	198.156	28.300	0.033242	7	40.936
-0.3779079E 92	-0.7206184E 02	0.8064975E 02	296.710	37.089	0.064858	8	46.784
0.3625005E 02	-0.4821811E 02	0.6279805E 02	309.841	34.427	0.049051	9	52.632
0.423196E 02	0.3243351E 01	0.5559457E 02	3.347	0.335	0.044133	10	58.480
0.954907E 02							

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.7544170E 03	-0.8370947E 03	0.9106121E 03	293.181	293.181	1.000000	1	5.040
0.3504507E 03	0.9907166E 01	0.9598837E 02	174.873	87.050	0.105356	2	11.696
-0.9542551E 02	0.5078599E 03	0.6022446E 03	182.549	34.183	0.061365	3	17.544
-0.1300506E 03	0.1971954E 03	0.4614303E 03	154.781	30.675	0.306734	4	23.392
-0.4171804E 03	-0.7297586E 01	0.7027327E 03	399.405	71.881	0.771715	5	29.240
0.7026946E 03	-0.1614022E 03	0.2999558E 03	217.212	34.282	0.329408	6	35.088
-0.2308847E 03	-0.3788743E 02	0.3144539E 03	173.124	24.732	0.347518	7	40.936
-0.3141700E 03	-0.2580937E 03	0.3391497E 03	318.447	30.804	0.372441	8	46.784
0.2200231E 03	-0.1137451E 03	0.1207191E 03	209.571	32.174	0.132549	9	52.632
0.404372E 02	-0.3719226E 02	0.6407367E 02	324.504	32.458	0.878365	10	58.480
0.5221962E 02							

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.3861177E 03	-0.5035659E 03	0.5147422E 03	281.961	281.961	0.757314	1	5.040
0.1064023E 03	-0.2624453E 03	0.3106438E 03	237.649	118.825	0.457865	2	11.696
-0.1662369E 03	0.4780454E 03	0.4419395E 03	62.388	27.463	0.050205	3	17.544
0.5054057E 02	0.2206650E 03	0.4888152E 03	145.938	36.498	0.601471	4	23.392
-0.3388838E 03	0.7712054E 02	0.6796924E 03	6.513	1.303	1.000000	5	29.240
0.6753032E 03	-0.1717416E 03	0.3744343E 03	287.301	34.550	0.590888	6	35.088
-0.3327251E 03	-0.6263101E 02	0.4867839E 03	187.392	26.770	0.716183	7	40.936
-0.4827384E 03	-0.3168818E 03	0.4945337E 03	320.163	40.028	0.727365	8	46.784
0.3707373E 03	-0.1215208E 03	0.1225370E 03	277.384	30.820	0.180283	9	52.632
0.1574809E 02	-0.8330754E 02	0.9065309E 02	293.224	29.322	0.133374	10	58.480
0.3574684E 02							

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 14 FL. BEND 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4450933E 03	-0.4044961E 03	0.4069509E 03	263.703	263.703	0.706714	1	5.040
-0.4463397E 02	-0.2287961E 03	0.3387827E 03	256.053	128.027	0.588333	2	11.696
-0.8165147E 02	0.2942865E 03	0.3314109E 03	62.771	20.924	0.575531	3	17.544
0.1516351E 03	0.1725852E 03	0.2505299E 03	136.458	34.115	0.435072	4	23.392
-0.1816029E 03	0.0009331E 02	0.5758352E 03	7.995	1.599	1.000000	5	29.240
0.5702380E 03	-0.7118457E 02	0.3118644E 03	193.194	32.199	0.541593	6	35.088
-0.3036340E 03	-0.5883430E 02	0.4565144E 03	187.405	26.772	0.792767	7	40.936
-0.4527079E 03	-0.3385581E 03	0.4837175E 03	315.580	39.448	0.840828	8	46.784
0.3454068E 02	-0.7673376E 02	0.8313993E 02	247.367	27.485	0.144374	9	52.632
-0.3199242E 02	-0.132420E 03	0.1324596E 03	273.124	27.313	0.230000	10	58.480
0.7231906E 01							

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 31

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 1 CH. BEND 5							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1352820E 05							
-0.6132070E 04	0.5362991E 05	0.5397935E 05	96.523	96.523	1.000000	1	5.848
0.2930201E 04	-0.1736333E 04	0.3406014E 04	329.350	164.675	0.063098	2	11.696
-0.3238574E 03	-0.7158921E 03	0.7857385E 03	245.659	81.826	0.014556	3	17.544
0.2527753E 03	0.2522909E 03	0.3571357E 03	44.945	11.236	0.006616	4	23.392
0.1513680E 04	0.2009387E 04	0.2515723E 04	53.009	10.602	0.046605	5	29.240
-0.1118105E 04	-0.8179080E 03	0.1385327E 04	216.186	36.031	0.025664	6	35.088
0.6259956E 02	-0.3951426E 03	0.4000593E 03	278.992	39.856	0.007411	7	40.936
-0.5752874E 03	0.1817529E 02	0.5755742E 03	178.190	22.274	0.010663	8	46.784
0.1553165E 04	0.1110544E 04	0.1909354E 04	35.566	3.952	0.035372	9	52.632
-0.7093771E 02	0.8361362E 03	0.8391399E 03	96.849	9.485	0.015546	10	58.480

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 5 CH. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1736983E 05							
-0.3917444E 04	0.334786E 05	0.3364668E 05	96.686	96.686	1.000000	1	5.848
0.1963976E 04	-0.157072E 04	0.2514836E 04	321.348	150.674	0.074742	2	11.696
0.8904550E 03	0.2055976E 04	0.2240524E 04	66.582	22.194	0.066590	3	17.544
0.2782307E 03	0.4648320E 03	0.5417388E 03	59.097	14.774	0.016101	4	23.392
0.6672612E 03	-0.4980872E 03	0.8326633E 03	323.260	64.652	0.024747	5	29.240
-0.2715504E 03	-0.1358671E 03	0.3036509E 03	206.580	34.430	0.009025	6	35.088
0.2652373E 03	0.1340448E 02	0.2655796E 03	2.910	0.416	0.007893	7	40.936
0.2271804E 03	0.3189850E 03	0.3915503E 03	54.535	6.817	0.011637	8	46.784
-0.2090431E 03	-0.4261023E 03	0.4728230E 03	243.761	27.085	0.014053	9	52.632
0.5737770E 02	0.8327408E 02	0.1011275E 03	55.432	5.543	0.003006	10	58.480

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR CH. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.8322500E 04							
-0.1627153E 04	0.1457875E 05	0.1466927E 05	96.369	96.369	1.000000	1	5.848
0.5476760E 03	-0.1222139E 04	0.1339242E 04	294.138	147.069	0.091296	2	11.696
0.8186582E 03	0.7232400E 03	0.1092372E 04	41.459	13.820	0.074467	3	17.544
0.8540010E 03	0.4411072E 03	0.9705344E 03	28.366	7.992	0.066161	4	23.392
-0.4856533E 03	-0.6691682E 03	0.8268204E 03	234.029	46.806	0.056365	5	29.240
0.3974932E 03	-0.7828819E 02	0.4051292E 03	348.858	58.143	0.027618	6	35.088
-0.6425720E 02	0.5367280E 03	0.5405605E 03	96.827	13.832	0.036850	7	40.936
0.6898552E 03	-0.9055750E 02	0.6165417E 03	351.554	43.944	0.042029	8	46.784
-0.1976410E 04	-0.3236225E 03	0.2002770E 04	189.305	21.034	0.0136528	9	52.632
-0.3105828E 03	-0.5010249E 03	0.5894807E 03	218.205	23.821	0.040185	10	58.480

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 12 CH. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.6303113E 04							
-0.9135945E 03	0.5929477E 04	0.5999441E 04	98.759	98.759	1.000000	1	5.848
0.8711967E 02	-0.8272378E 03	0.8318125E 03	276.017	138.006	0.138648	2	11.696
0.6112632E 03	0.2445681E 03	0.6581738E 03	21.806	7.269	0.109739	3	17.544
0.3924250E 03	0.1209964E 03	0.4106548E 03	17.136	4.284	0.068449	4	23.392
-0.2646748E 03	-0.4609985E 03	0.5315732E 03	240.138	48.028	0.088684	5	29.240
0.2258551E 03	-0.8879605E 02	0.2426835E 03	338.537	56.423	0.040451	6	35.088
0.7603754E 02	0.2912971E 03	0.3010574E 03	75.370	10.767	0.050181	7	40.936
0.3923489E 03	-0.5882735E 02	0.3956272E 03	352.619	44.877	0.065944	8	46.784
-0.1351952E 04	0.2529135E 03	0.1375405E 04	190.596	21.177	0.0229255	9	52.632
-0.1534798E 03	-0.2240161E 03	0.2715498E 03	235.584	23.558	0.045263	10	58.480

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 31

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 9 TORSION 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1684109E 03	-0.2000101E 03	C.2403722E 03	303.487	303.687	0.859422	1	5.848
0.1333220E 03	0.1991934E 03	0.2020110E 03	80.420	40.210	0.722266	2	11.696
0.3362105E 02	0.9071357E 01	0.2794904E 03	178.141	59.380	1.000000	3	17.544
-0.2794335E 03	0.9023104E 02	0.1381804E 03	45.305	11.324	0.494069	4	23.392
0.9719124E 02	-0.5730754E 02	0.2229344E 03	345.104	69.021	0.797003	5	29.240
0.2154451E 03	-0.1138078E 03	0.1381515E 03	235.444	39.244	0.493944	6	35.088
-0.7831743E 02	-0.9035757E 02	0.1204281E 03	311.393	44.483	0.430574	7	40.936
0.7961424E 02	0.1497384E 03	0.2040712E 03	75.759	9.470	0.734702	8	46.784
0.5069412E 02	0.1305533E 03	0.1562114E 03	117.507	15.056	0.558517	9	52.632
-0.7214459E 02	0.4142200E 02	C.4143877E 02	88.349	8.837	0.148159	10	58.480
0.1179379E 01							

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 15 TORSION 185							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.5331230E 02	-0.3611900E 02	0.4629814E 02	296.322	296.322	0.232425	1	5.848
0.1784900E 02	0.4679940E 02	0.9377344E 02	25.764	12.882	0.540853	2	11.696
0.8445203E 02	0.9063478E 02	0.1359691E 03	137.427	45.809	0.772695	3	17.544
-0.9063430E 02	-0.4585649E 02	0.8217563E 02	213.920	53.480	0.473960	4	23.392
-0.6819107E 02	-0.6835757E 02	0.1733811E 03	336.780	67.354	1.000000	5	29.240
0.1593360E 03	0.6736787E 02	0.6928923E 02	103.527	17.255	0.399635	6	35.088
-0.1620743E 02	-0.4707334E 02	C.7390054E 02	219.547	31.347	0.426232	7	40.936
-0.3696837E 02	0.1880974E 00	0.9083764E 02	0.110	0.014	0.549541	8	46.784
0.9085750E 02	0.9015413E 02	0.1854499E 03	111.444	12.385	0.608312	9	52.632
-0.3859621E 02	0.1020972E 02	G.4516289E 02	170.986	17.099	0.375856	10	58.480
-0.4435812E 02							

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 29 PITCH LINE							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.9522639E 02	0.1973588E 03	C.2081304E 03	108.521	108.521	1.000000	1	5.848
-0.6611424E 02	-0.6664447E 02	0.8178641E 02	305.427	152.713	0.392943	2	11.696
0.4740851E 02	0.1261979E 02	0.1164362E 03	6.717	2.239	0.559417	3	17.544
0.1156349E 03	-0.1029761E 03	0.1086444E 03	251.487	62.852	0.521991	4	23.392
-0.3464461E 02	-0.9447177E 01	0.1736044E 02	327.031	45.406	0.683408	5	29.240
0.1656491E 02	0.3364432E 02	0.7580319E 02	109.905	18.317	0.172016	6	35.088
-0.1218947E 02	-0.3636434E 01	0.1255513E 02	316.451	45.207	0.660225	7	40.936
0.9085232E 01	0.1849844E 02	0.1383330E 02	49.318	8.165	0.806462	8	46.784
0.9017381E 01	0.1234386E 02	0.1892934E 02	159.300	15.478	0.090946	9	52.632
-0.1435092E 02	0.1436472E 01	0.1637759E 02	174.948	17.497	0.078886	10	58.480
-0.1631447E 02							

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 500 CTR 570 CR 40.0 TR 34 BLADE ANGL							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3335293E 01	-0.1106579E 01	0.1949516E 01	314.427	314.427	1.000000	1	5.848
0.1084659E 01	0.3594178E 01	C.5124817E 01	145.731	67.761	0.033106	2	11.696
-0.3660178E 01	-0.4253504E 01	C.1224057E 00	200.334	66.778	0.078996	3	17.544
-0.1147778E 00	0.2587331E 00	0.3047771E 00	58.095	14.524	0.196692	4	23.392
0.1610784E 00	0.1724104E 01	0.4270665E 01	164.041	32.808	0.040469	5	29.240
-0.6028975E 01	-0.1043634E 01	0.4203938E 01	331.736	55.289	0.014223	6	35.088
0.1941167E 01	-0.4421230E 02	0.4616149E 02	228.058	32.580	0.004270	7	40.936
-0.4422900E 02	-0.6259137E 01	C.6182350E 01	258.723	32.340	0.041189	8	46.784
-0.1248097E 01	-0.6492811E 01	0.4739062E 01	245.537	31.726	0.043491	9	52.632
0.1805115E 01	-0.1924974E 01	0.1926557E 01	272.322	27.232	0.012433	10	58.480
0.7806087E 03							

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 33

HARMONIC ANALYSIS MODEL HW-51A SHIP 1002C T 490 CTR 250 CR 32.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2619850E C5							
0.1978171E 04	0.1017619E 04	0.2224574E 04	27.222	27.222	0.540142	1	5.882
-0.5309171E 03	-0.4004137E 04	0.4118494E 04	282.593	131.297	1.000000	2	11.765
0.1833378E 04	-0.3508350E 03	0.1869592E 04	949.022	116.341	0.453950	3	17.647
-0.4228538E C3	0.2704982E 03	0.5063220E 03	146.631	36.658	0.122939	4	23.529
0.6594993E 03	-0.4060877E 03	0.7744971E 03	328.377	65.675	0.188053	5	29.412
0.1449121E 02	0.5909050E 02	0.6161871E 02	76.398	12.733	0.014461	6	35.294
0.1169549E 03	0.4828233E 01	0.1170565E 01	7.364	0.338	0.028422	7	41.176
-0.1169690E C3	0.2704284E 02	0.1198527E 03	146.537	20.820	0.029101	8	47.059
-0.5457747E 02	-0.1135330E 02	0.5836974E 02	194.235	21.582	0.014173	9	52.941
0.5317209E 02	0.4605149E 02	0.7093454E 02	41.445	4.144	0.017223	10	58.824

HARMONIC ANALYSIS MODEL HW-51A SHIP 1002C T 490 CTR 250 CR 32.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1819029E C4							
0.9228504E 03	0.8127501E 02	0.9214224E 03	5.033	5.033	1.000000	1	5.882
-0.8482405E 02	-0.7390404E 02	0.1125509E 03	221.096	118.548	0.121490	2	11.765
-0.7164294E 02	-0.4174067E 02	0.8242963E 02	210.446	70.149	0.080976	3	17.647
0.1475649E C3	0.2582064E 02	0.1498067E 03	9.928	2.482	0.161785	4	23.529
-0.1730594E 03	0.1694162E 03	0.2421662E 03	135.606	27.121	0.261390	5	29.412
0.2284207E 02	-0.1650105E 02	0.2017924E 02	324.154	54.826	0.030417	6	35.294
-0.8357487E 02	0.5824904E 02	0.9752985E 02	148.974	21.282	0.105276	7	41.176
0.9943647E C2	-0.3701059E 01	0.9950079E 02	357.864	44.733	0.107412	8	47.059
0.2042443E 02	-0.7051900E 01	0.2160757E 02	340.932	37.884	0.023324	9	52.941
-0.3634206E 02	-0.2927004E 02	0.4666448E 02	218.848	21.885	0.050371	10	58.824

HARMONIC ANALYSIS MODEL HW-51A SHIP 1002C T 490 CTR 250 CR 32.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2554599E 03							
0.7568550E 03	-0.4367805E 03	0.8898100E 03	320.781	320.781	1.000000	1	5.882
-0.1178490E 03	0.4237405E 03	0.4396426E 03	185.443	52.722	0.496766	2	11.765
-0.2104937E C3	0.3854908E 02	0.2228647E 03	169.998	56.466	0.250922	3	17.647
0.4444671E 02	-0.2041100E 02	0.4092598E 02	335.342	83.836	0.055283	4	23.529
-0.1116005E 09	0.1332575E 03	0.1738681E 03	129.966	29.993	0.190459	5	29.412
-0.2683444E 02	0.1983205E 02	0.3358758E 02	143.534	23.922	0.037783	6	35.294
0.1367115E C1	0.1985327E 02	0.1998166E 02	86.883	12.246	0.022487	7	41.176
-0.1248259E 02	-0.4656792E 00	0.1241133E 02	187.150	22.769	0.014884	8	47.059
0.8998220E 01	-0.6998398E 01	0.1136263E 02	322.292	39.810	0.012040	9	52.941
-0.3404215E 01	0.6421305E 01	0.7267868E 01	117.938	11.793	0.080212	10	58.824

HARMONIC ANALYSIS MODEL HW-51A SHIP 1002C T 490 CTR 250 CR 32.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.7609103E 03							
0.8057944E 03	-0.7901387E 03	0.1186992E 04	318.267	318.267	1.000000	1	5.882
-0.4911784E 02	0.4004119E 03	0.4028652E 03	95.720	47.866	0.415222	2	11.765
-0.2018098E 03	0.1361517E 03	0.2434479E 03	145.994	48.445	0.285092	3	17.647
-0.1098803E 02	-0.3115482E 02	0.4394800E 02	225.145	56.284	0.037825	4	23.529
0.1299306E 02	-0.2747809E 02	0.3822614E 02	294.622	58.924	0.025465	5	29.412
-0.3268502E 02	0.2367873E 02	0.4829844E 02	144.812	24.882	0.033940	6	35.294
0.3781463E 02	-0.8033120E 01	0.3787630E 02	347.755	49.679	0.031900	7	41.176
-0.5083279E 02	-0.1829304E 02	0.5402440E 02	199.793	28.974	0.049514	8	47.059
-0.2918402E 02	-0.2008957E 02	0.3974403E 02	222.736	24.751	0.033485	9	52.941
0.1328907E 02	-0.7816188E 01	0.1541774E 02	329.539	32.954	0.012989	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 33

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 490 CTR 250 CR 32.0 TR 10 FL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1202567E 04							
0.6349998E 03	-0.7517043E 03	0.9840142E 03	310.189	310.129	1.000000	1	5.882
-0.1424540E 01	0.3438047E 03	0.3438049E 03	90.237	45.115	0.340392	2	11.765
-0.8529340E 02	0.2682134E 03	0.2814485E 03	107.641	35.880	0.286821	3	17.647
-0.6513400E 02	0.7355177E 01	0.6454794E 02	173.557	43.309	0.066613	4	23.529
0.9428737E 02	-0.1545511E 03	0.1810418E 03	301.386	60.277	0.183903	5	29.412
0.3215199E 02	-0.4541293E 02	0.5564247E 02	305.298	50.093	0.056546	6	35.294
-0.1024470E 02	-0.2226434E 02	0.2450826E 02	245.291	35.042	0.024906	7	41.176
0.3597014E 02	-0.2290181E 02	0.4264203E 02	327.515	40.939	0.043335	8	47.059
0.9954830E 00	0.2461161E 01	0.2654853E 01	67.978	7.553	0.002698	9	52.941
-0.1707671E 02	-0.2114973E 02	0.2719317E 02	231.082	23.108	0.027625	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 490 CTR 250 CR 32.0 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1244417E 04							
0.4139561E 03	-0.6847695E 03	0.7328748E 03	304.391	304.391	1.000000	1	5.882
0.1561956E 02	0.1926492E 03	0.1933013E 03	85.365	42.683	0.263758	2	11.765
0.9277094E 02	0.3088977E 01	0.3217615E 03	73.242	24.414	0.439840	3	17.647
-0.3240631E 02	0.8088638E 02	0.9550144E 02	109.887	27.472	0.138311	4	23.529
0.1008610E 03	-0.2275627E 03	0.2489134E 03	293.904	50.781	0.339640	5	29.412
0.4171429E 02	-0.9444944E 02	0.1032510E 03	293.829	40.971	0.140885	6	35.294
-0.2230127E 02	0.1244230E 02	0.2540720E 02	150.929	21.561	0.034961	7	41.176
0.5799970E 02	0.2738654E 01	0.5082444E 02	2.785	0.338	0.070174	8	47.059
0.7209955E 02	0.1256117E 01	0.2213521E 02	3.253	0.361	0.030203	9	52.941
-0.1185707E 02	0.2159998E 02	0.2426549E 02	117.108	11.711	0.033110	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 490 CTR 250 CR 32.0 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1023482E 04							
0.1126953E 03	-0.2896948E 03	0.3108428E 03	291.257	291.257	0.909797	1	5.882
0.6861936E 01	0.1659117E 02	0.1747620E 02	69.784	34.852	0.051191	2	11.765
0.1813768E 03	0.2895437E 03	0.3416610E 03	57.936	19.312	1.000000	3	17.647
-0.6806178E 02	0.1817377E 03	0.1340643E 03	110.531	27.833	0.168807	4	23.529
0.5177768E 02	-0.1773609E 03	0.1847642E 03	286.274	57.255	0.540781	5	29.412
0.5901622E 02	-0.6563167E 02	0.8826341E 02	311.962	51.994	0.256136	6	35.294
-0.4292521E 02	0.3521334E 02	0.5521280E 02	140.373	20.853	0.161599	7	41.176
0.8148038E 02	0.7665101E 02	0.1118541E 03	43.243	5.405	0.327303	8	47.059
0.2402557E 02	0.3907131E 02	0.4702132E 02	57.988	6.443	0.137623	9	52.941
-0.7894553E 01	0.2153133E 02	0.2171971E 02	97.552	9.755	0.063571	10	58.824

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 490 CTR 250 CR 32.0 TR 14 FL. BEND 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.8457141E 03							
-0.3736915E 02	-0.1211943E 01	0.1208838E 03	252.777	252.777	0.450797	1	5.882
-0.4814476E 02	-0.4303766E 02	0.6457674E 02	221.794	110.897	0.229408	2	11.765
0.2288975E 03	0.1744941E 03	0.2815027E 03	38.306	12.749	1.000000	3	17.647
-0.1088293E 02	0.1893971E 03	0.1897095E 03	93.289	23.322	0.673017	4	23.529
0.2272727E 01	-0.9294221E 02	0.9294994E 02	271.488	54.280	0.338263	5	29.412
0.3596219E 02	-0.7206245E 02	0.8106604E 02	296.287	49.381	0.287076	6	35.294
-0.2098877E 02	0.7353011E 02	0.7644700E 02	105.931	15.133	0.271639	7	41.176
0.8189165E 02	0.1807207E 03	0.1182169E 03	50.450	7.304	0.419949	8	47.059
0.1512688E 02	0.1807614E 02	0.2357031E 02	50.876	5.564	0.009731	9	52.941
-0.6604959E 01	0.4664439E 02	0.4718945E 02	98.888	9.888	0.167351	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 33

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 250 CR 32.0 TR 1 CH. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.2348764E 04		0.2898362E 05	81.390	81.350	1.000000	1	5.882
0.4339078E 04	0.2465698E 05	0.4737027E 04	151.310	75.655	0.163438	2	11.765
-0.4155461E 04	0.2274121E 04	0.4737027E 04	239.991	79.997	0.036090	3	17.647
-0.5231306E 03	-0.9058130E 03	0.1046032E 04	58.396	14.599	0.009690	4	23.529
0.1471778E 03	0.2391987E 03	0.2408508E 03	359.705	71.957	0.014134	5	29.412
0.4096443E 03	-0.1539054E 01	0.4096470E 03	233.124	30.894	0.001838	6	35.294
-0.3197552E 02	-0.4262445E 02	0.5328490E 02	173.305	24.752	0.001472	7	41.176
-0.4237242E 02	0.4973805E 01	0.4264333E 02	142.893	17.862	0.004870	8	47.059
-0.1403132E 03	0.1061449E 03	0.1759402E 03	69.253	7.695	0.001849	9	52.941
0.1915316E 02	0.5066740E 02	0.5418083E 02	26.225	2.622	0.001506	10	58.824
0.3915207E 02	0.1928635E 02	0.4364455E 02					

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 250 CR 32.0 TR 5 CH. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1186098E 05		0.1751994E 05	83.649	83.649	1.000000	1	5.882
0.1932042E 04	0.1741309E 05	0.3013426E 04	147.964	73.782	0.172000	2	11.765
-0.2543305E 04	0.1416271E 04	0.3934431E 03	244.671	81.557	0.022457	3	17.647
-0.1687730E 03	-0.3558191E 03	0.4374696E 03	57.282	14.320	0.024970	4	23.529
0.2364527E 03	0.3680576E 03	0.1947867E 03	295.094	59.019	0.011118	5	29.412
0.6241154E 02	-0.1764006E 03	0.1092184E 03	119.145	19.857	0.006234	6	35.294
-0.5319094E 02	0.9539095E 02	0.1353364E 03	50.866	7.267	0.007725	7	41.176
0.8541612E 02	0.1049763E 03	0.6824226E 02	123.999	15.495	0.003095	8	47.059
-0.3812022E 02	0.5668265E 02	0.9498449E 02	350.511	30.944	0.003111	9	52.941
0.5575879E 02	0.8985154E 01	0.7399411E 02	324.784	32.478	0.004223	10	58.824
0.6045187E 02	-0.4266969E 02						

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 250 CR 32.0 TR 8 CH. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1083907E 05		0.7012434E 04	85.671	85.671	1.000000	1	5.882
0.5292776E 05	0.6992434E 04	0.1063978E 04	129.409	64.805	0.131727	2	11.765
-0.6783337E 03	0.8197829E 03	0.2368017E 03	221.992	73.997	0.033769	3	17.647
-0.1760414E 03	-0.1504252E 03	0.5171702E 03	37.317	9.329	0.07375C	4	23.529
0.4113010E 03	0.3135229E 03	0.5033653E 02	162.849	32.574	0.008319	5	29.412
-0.5574037E 02	0.1718547E 02	0.2178062E 03	149.335	24.889	0.031060	6	35.294
-0.1873435E 03	0.1118045E 03	0.1959094E 03	22.625	3.232	0.027957	7	41.176
0.1808352E 03	0.7536479E 02	0.1904203E 03	13.201	1.650	0.021452	8	47.059
0.1464530E 03	0.3435405E 02	0.7269139E 02	278.466	30.941	0.018364	9	52.941
0.107204E 02	-0.718992E 02	0.1889301E 03	241.886	24.181	0.026939	10	58.824
-0.8925092E 02	-0.1664972E 03						

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 498 CTR 250 CR 32.0 TR 12 CH. BEND 197							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.9922986E 04		0.2799060E 04	91.353	91.353	1.000000	1	5.882
-0.6609167E 02	0.2799060E 04	0.3069338E 03	123.865	61.933	0.130912	2	11.765
-8.2167299E 03	0.3229524E 03	0.7084677E 02	277.656	92.552	0.025304	3	17.647
0.9438042E 01	-0.7021533E 02	0.3879819E 03	36.762	9.190	0.109999	4	23.529
0.2467344E 03	0.1043232E 03	0.0500780E 02	309.805	61.817	0.030993	5	29.412
0.3363147E 02	-0.6485316E 02	0.1037744E 03	111.795	18.632	0.037064	6	35.294
-0.3852951E 02	0.9435647E 02	0.1981404E 03	94.103	13.443	0.034484	7	41.176
-0.1131332E 02	0.1577430E 03	0.9401851E 02	42.675	5.334	0.019290	8	47.059
0.3970809E 02	0.3461057E 02	0.4511988E 02	251.402	27.934	0.011115	9	52.941
-0.1438970E 02	-0.4276291E 02	0.1073471E 03	274.982	27.498	0.038340	10	58.824
0.9322916E 01	-0.1864415E 03						

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 33

HARMONIC ANALYSIS MODEL HN-51A SHIP 1002C T 498 CTR 250 CR 32.0 TR 9 TORSION 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1759730E 03							
0.1341174E 03	-0.1139906E 03	0.1757616E 03	319.735	319.735	1.000000	1	5.882
-0.2940594E 01	0.1040794E 03	0.1040794E 03	91.599	45.806	0.403919	2	11.765
-0.1354897E 03	-0.1625094E 02	0.1364617E 01	106.843	62.281	0.776403	3	17.647
0.7749340E 02	0.3311940E 02	0.8427297E 02	23.139	5.785	0.479471	4	23.529
0.4534187E 02	-0.6206250E 02	0.7686115E 02	306.151	61.230	0.437303	5	29.412
0.3543395E 02	0.1505005E 02	0.7700104E 02	25.345	4.228	0.210318	6	34.294
0.7400530E 01	0.1245681E 02	0.1272537E 02	78.200	11.173	0.072401	7	41.176
0.1201979E 02	-0.9377434E 01	0.1524190E 02	322.031	40.254	0.086719	8	47.059
0.9858310E 01	0.2136195E 02	0.2352690E 02	65.227	7.247	0.133857	9	52.941
0.8005045E 01	0.4758067E 00	0.8019172E 01	3.402	0.340	0.045625	10	58.824

HARMONIC ANALYSIS MODEL HN-51A SHIP 1002C T 498 CTR 250 CR 32.0 TR 15 TORSION 185							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.8597300E 02							
0.0501130E 02	-0.2704790E 02	0.8921053E 02	342.351	342.351	1.000000	1	5.882
-0.0490047E 01	0.3432230E 02	0.3953319E 02	103.829	51.915	0.398931	2	11.765
-0.3029043E 02	0.3163615E 01	0.3664542E 02	172.310	57.439	0.433193	3	17.647
0.1946175E 02	0.1704036E 02	0.2507209E 02	41.218	10.365	0.290020	4	23.529
0.2316370E 02	-0.2016220E 02	0.3070950E 02	310.963	63.793	0.344236	5	29.412
0.1114540E 02	-0.1200460E 00	0.1114032E 02	359.305	59.897	0.124064	6	34.294
0.4665245E 00	-0.3447032E 00	0.5000541E 00	325.540	46.220	0.086562	7	41.176
0.2105021E 01	0.5960066E 01	0.6720877E 01	70.547	8.818	0.070093	8	47.059
0.6516971E 01	0.1003011E 02	0.1196807E 02	57.007	6.334	0.134155	9	52.941
0.4731272E 01	0.4644615E 01	0.6430034E 01	44.470	4.447	0.074310	10	58.824

HARMONIC ANALYSIS MODEL HN-51A SHIP 1002C T 498 CTR 250 CR 32.0 TR 29 PITCH LINK							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1143230E 03							
-0.3992639E 02	0.7832279E 02	0.8791226E 02	117.011	117.011	1.000000	1	5.882
-0.1537007E 01	-0.2213052E 02	0.2210302E 02	266.827	139.013	0.252340	2	11.765
0.4001410E 02	0.7577263E 01	0.6151150E 02	10.517	3.506	0.472193	3	17.647
-0.2313174E 02	-0.2304090E 02	0.3322424E 02	225.875	56.449	0.377925	4	23.529
-0.0863675E 01	0.6498720E 01	0.1061726E 02	139.411	27.882	0.120771	5	29.412
-0.7622356E 01	-0.4096255E 01	0.9039300E 01	212.751	35.459	0.162023	6	34.294
-0.1031080E 01	-0.1290040E 01	0.1652114E 01	231.304	33.055	0.018793	7	41.176
0.0014725E 00	0.2478327E 01	0.2597009E 01	72.025	9.003	0.029542	8	47.059
0.1040695E 01	0.1091700E 01	0.2199075E 01	61.183	6.740	0.024559	9	52.941
0.2002557E 01	0.1071687E 01	0.2342126E 01	27.230	2.723	0.026642	10	58.824

HARMONIC ANALYSIS MODEL HN-51A SHIP 1002C T 498 CTR 250 CR 32.0 TR 34 BLADE ANGLE							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3371940E 01							
0.1624877E 01	-0.2362490E 01	0.2750505E 01	301.081	301.081	1.000000	1	5.882
-0.1040005E 01	0.1016185E 01	0.2735574E 01	132.522	66.261	0.005917	2	11.765
-0.5016109E 01	-0.1106967E 01	0.5152764E 01	193.313	66.439	0.018609	3	17.647
0.0050770E 01	0.0997012E 01	0.1064697E 00	40.997	10.249	0.038669	4	23.529
0.4876295E 02	-0.5039945E 02	0.7012430E 02	314.057	62.811	0.062542	5	29.412
0.2122092E 01	0.4606240E 02	0.2173220E 01	12.453	2.075	0.007878	6	34.294
-0.1163395E 01	0.1700031E 01	0.2139908E 01	122.933	17.562	0.007757	7	41.176
0.6795067E 02	-0.1416312E 02	0.6942000E 02	348.220	43.328	0.002517	8	47.059
-0.2439207E 02	0.9410530E 02	0.9721510E 02	104.531	11.615	0.003524	9	52.941
-0.2190004E 01	0.2511263E 02	0.2174354E 01	173.360	17.377	0.007082	10	58.824

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 36

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1792070E 05						1	5.952
-0.1326051E 04	-0.2402092E 04	0.2744890E 04	241.093	241.093	0.756405	2	11.905
-0.6406060E 02	-0.3620299E 04	0.3620064E 04	260.909	134.494	1.003000	3	17.857
0.0701099E 03	-0.7514614E 03	0.1149796E 04	319.187	106.396	0.316835	4	23.810
-0.4099097E 03	0.3309644E 03	0.5319509E 03	140.416	35.104	0.146509	5	29.762
0.9025201E 02	-0.0319597E 03	0.0340649E 03	274.674	54.015	0.229042	6	35.714
0.5511176E 01	-0.1636578E 03	0.1637505E 03	271.079	45.321	0.045124	7	41.667
0.1061929E 03	-0.1277276E 03	0.2257576E 03	325.544	46.506	0.042212	8	47.619
0.1774710E 02	-0.3596134E 02	0.4010214E 02	296.261	37.033	0.011051	9	53.571
0.3102191E 02	0.7955794E 02	0.0613690E 02	67.450	7.495	0.023737	10	59.524
-0.5461045E 01	0.6417450E 02	0.6930977E 02	94.514	9.451	0.019122		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.7056270E 03						1	5.952
0.4273940E 03	-0.6317524E 03	0.7625747E 03	304.061	304.061	1.000000	2	11.905
-0.9306664E 01	-0.9140071E 01	0.1310625E 02	234.271	112.136	0.017187	3	17.857
-0.1167446E 03	0.2715370E 02	0.1203299E 03	165.979	55.326	0.157794	4	23.810
0.1561740E 03	0.0013709E 01	0.1562903E 03	2.205	0.551	0.200951	5	29.762
0.1191270E 03	0.4772434E 03	0.4910065E 03	75.904	15.197	0.045034	6	35.714
-0.4467067E 02	0.1709551E 03	0.1766963E 03	104.644	17.441	0.231710	7	41.667
-0.1062521E 03	0.2576754E 02	0.1000261E 03	172.123	24.509	0.246567	8	47.619
0.3260207E 02	0.1025439E 01	0.5272447E 02	1.904	0.248	0.009140	9	53.571
0.0508147E 01	-0.3602594E 02	0.5746736E 02	270.540	30.952	0.075360	10	59.524
0.2175940E 02	0.5629014E 01	0.2247229E 02	14.500	1.451	0.029666		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.7324231E 03						1	5.952
0.7500647E 03	-0.7445977E 03	0.1063300E 04	315.551	315.551	1.000000	2	11.905
-0.1182322E 03	0.4249641E 03	0.4411064E 03	105.547	1.774	0.416847	3	17.857
-0.7672070E 02	0.0340741E 02	0.1140650E 03	131.906	43.949	0.100020	4	23.810
0.1064566E 03	-0.5004505E 02	0.1176331E 03	334.821	83.709	0.110630	5	29.762
0.5606057E 02	0.2379602E 03	0.2444764E 03	76.742	15.340	0.229082	6	35.714
-0.3291590E 01	0.4299050E 02	0.4311612E 02	94.378	15.730	0.040549	7	41.667
-0.1722394E 02	0.2265265E 01	0.1737224E 02	172.508	24.644	0.016330	8	47.619
-0.1700340E 02	0.2207326E 02	0.2042126E 02	129.046	16.131	0.026729	9	53.571
-0.0248725E 01	-0.2909300E 01	0.9695513E 01	197.462	21.940	0.009110	10	59.524
-0.5330539E 01	0.1342202E 02	0.1444179E 02	111.640	11.166	0.017502		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.0929126E 03						1	5.952
0.0672950E 03	-0.9124330E 03	0.1250863E 04	313.547	313.547	1.000000	2	11.905
-0.2409670E 03	0.40999419E 03	0.5505037E 03	116.473	58.236	0.443657	3	17.857
-0.3901610E 02	0.2077940E 03	0.2900310E 03	97.731	32.577	0.230391	4	23.810
-0.7320534E 02	0.6207783E 02	0.9590215E 02	139.703	34.926	0.074245	5	29.762
-0.7016641E 02	-0.6209521E 02	0.9902099E 02	210.463	43.653	0.079501	6	35.714
-0.2412049E 02	-0.2229767E 02	0.3204785E 02	222.751	37.125	0.026093	7	41.667
0.0201400E 02	0.4532565E 02	0.9440717E 02	20.492	4.099	0.074994	8	47.619
-0.2050540E 02	0.5009192E 02	0.6230545E 02	109.205	13.650	0.049557	9	53.571
-0.2363111E 01	0.7505990E 02	0.7326739E 02	91.037	10.204	0.030506	10	59.524
-0.2347090E 02	0.2944614E 02	0.3765425E 02	120.500	12.050	0.029911		

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 36

HARMONIC ANALYSIS MODEL KM-S1A SHIP 1002C T 502 CTR 175 CR 44.1 TR 10 FL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1448708E 04							
0.7322305E 03	-0.4344979E 03	0.1189156E 04	308.007	308.007	1.000000	1	5.952
-0.1514924E 03	0.3442974E 03	0.3780440E 03	113.655	56.828	0.317926	2	11.905
0.1037650E 03	0.3512515E 03	0.3662576E 03	73.542	24.514	0.337998	3	17.857
-0.8008723E 02	0.5045255E 02	0.9465422E 02	147.790	36.948	0.079566	4	23.810
-0.1022542E 03	-0.2532466E 03	0.2731110E 03	240.012	49.682	0.229669	5	29.762
0.4525465E 01	-0.4141040E 02	0.4192137E 02	278.955	46.493	0.035253	6	35.714
0.1114807E 02	0.8585001E 00	0.1118110E 02	4.404	0.625	0.009403	7	41.667
0.1620401E 02	-0.9121094E 00	0.1622944E 02	356.778	44.557	0.013668	8	47.619
0.6229424E 01	-0.3182264E 01	0.6995177E 01	332.940	36.993	0.005882	9	53.571
0.1795003E 02	0.2577134E 00	0.1795253E 02	0.960	0.094	0.015097	10	59.524

HARMONIC ANALYSIS MODEL KM-S1A SHIP 1002C T 502 CTR 175 CR 44.1 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1852-77E 04							
0.4424214E 03	-0.6991567E 03	0.8273794E 03	302.325	367.325	1.000000	1	5.952
-0.5783333E 02	0.1772458E 03	0.1897826E 03	110.942	55.471	0.229378	2	11.905
0.2191800E 03	0.3373567E 03	0.4023090E 03	56.987	18.956	0.486246	3	17.857
-0.6378900E 02	0.7817480E 02	0.1005023E 03	128.993	32.248	0.121567	4	23.810
-0.7909341E 02	-0.3554841E 03	0.3643718E 03	257.463	51.493	0.448393	5	29.762
0.7252536E 01	-0.6045464E 02	0.6088811E 02	276.841	46.140	0.073391	6	35.714
-0.9106261E 02	-0.3885652E 02	0.9900616E 02	203.108	29.015	0.119462	7	41.667
0.2996854E 02	-0.2629036E 02	0.3986597E 02	318.740	39.843	0.048183	8	47.619
0.1176331E 02	-0.5864799E 02	0.5981607E 02	281.342	31.260	0.072296	9	53.571
0.8153008E 01	-0.3372879E 02	0.3470018E 02	289.589	28.359	0.041940	10	59.524

HARMONIC ANALYSIS MODEL KM-S1A SHIP 1002C T 502 CTR 175 CR 44.1 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1532291E 04							
0.1574793E 03	-0.4393916E 03	0.4467205E 03	289.718	289.718	1.000000	1	5.952
-0.2833226E 02	0.4583557E 01	0.2990921E 02	161.312	80.456	0.064079	2	11.905
0.2697277E 03	0.2837214E 03	0.3914690E 03	46.449	15.483	0.838695	3	17.857
-0.4758305E 02	0.1235715E 03	0.1324162E 03	111.000	27.765	0.283693	4	23.810
-0.6329378E 02	-0.3432075E 03	0.3489949E 03	259.551	51.910	0.747497	5	29.762
0.1048399E 02	-0.4755675E 02	0.4869844E 02	292.432	47.072	0.184333	6	35.714
-0.1018160E 03	-0.3698500E 02	0.1083253E 03	199.964	28.566	0.232679	7	41.667
0.3635194E 02	-0.4728616E 02	0.9964432E 02	307.552	38.444	0.127784	8	47.619
-0.2891094E 00	-0.5245718E 02	0.5255798E 02	269.484	29.965	0.112388	9	53.571
-0.1686674E 02	-0.3130099E 02	0.3555614E 02	241.882	24.168	0.076177	10	59.524

HARMONIC ANALYSIS MODEL KM-S1A SHIP 1002C T 502 CTR 175 CR 44.1 TR 14 FL. BEND 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1139147E 04							
-0.8734445E 02	-0.1562956E 03	0.1790457E 03	240.802	240.802	0.491479	1	5.952
-0.4219377E 02	-0.4771143E 02	0.6369218E 02	228.512	114.256	0.174834	2	11.905
0.3121350E 03	0.1878469E 03	0.3643000E 03	31.040	10.347	1.000000	3	17.857
-0.1276909E 02	0.1560584E 03	0.1565799E 03	94.678	23.669	0.429810	4	23.810
-0.7887239E 02	-0.2472572E 03	0.2595320E 03	252.308	50.467	0.712413	5	29.762
-0.3520419E 01	-0.2252887E 02	0.2279436E 02	241.113	43.319	0.062570	6	35.714
-0.1345891E 03	0.3949760E 01	0.1346470E 03	178.319	25.474	0.349865	7	41.667
0.2000595E 02	-0.2584771E 02	0.3289341E 02	307.729	38.444	0.089743	8	47.619
0.1042847E 01	-0.4217987E 02	0.4219275E 02	271.416	30.157	0.119819	9	53.571
-0.7127143E 01	-0.2217867E 02	0.2329564E 02	252.183	25.210	0.043946	10	59.524

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 36

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 2 CM. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3275546E 04							
0.1833519E 05	0.3200772E 05	0.3680725E 05	60.167	60.167	1.000000	1	5.952
-0.3541496E 04	0.5853383E 04	0.6441363E 04	121.175	60.528	0.195417	2	11.905
-0.1625499E 04	-0.6900745E 03	0.1765913E 04	203.003	67.668	0.047860	3	17.857
0.3054572E 03	0.2254950E 03	0.3799950E 03	36.400	9.100	0.010299	4	23.810
0.3655881E 03	-0.5850930E 03	0.6899189E 03	361.999	60.400	0.018698	5	29.762
-0.5773003E 01	-0.3486877E 03	0.3487354E 03	269.051	44.842	0.009452	6	35.714
-0.3839678E 03	-0.3582461E 03	0.5251240E 03	223.017	31.866	0.016237	7	41.667
-0.3091663E 03	0.2652273E 03	0.4043164E 03	139.005	17.376	0.010958	8	47.619
0.5739029E 02	0.6661328E 02	0.8792595E 02	49.254	5.473	0.007383	9	53.571
-0.9106792E 02	-0.1050962E 01	0.1390632E 01	229.090	22.969	0.003769	10	59.524

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 5 CM. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1144915E 05							
0.1063605E 05	0.1986561E 05	0.2253370E 05	61.835	6.835	1.000000	1	5.952
-0.1652854E 04	0.3863719E 04	0.4202406E 04	113.161	56.580	0.186494	2	11.905
-0.8469194E 03	-0.2066026E 03	0.8717551E 03	193.709	44.570	0.038687	3	17.857
0.4478102E 02	0.3491064E 03	0.3526377E 03	81.885	20.471	0.015649	4	23.810
-0.3087717E 03	-0.5081284E 03	0.5945874E 03	238.714	47.743	0.026387	5	29.762
0.1280320E 02	-0.1796265E 03	0.1800022E 03	274.077	45.679	0.007992	6	35.714
0.2756357E 03	-0.4489927E 02	0.2771663E 03	350.865	50.121	0.012300	7	41.667
0.1667859E 02	-0.7678569E 02	0.7857614E 02	282.255	35.282	0.003487	8	47.619
0.7382280E 02	0.9822113E 02	0.1228706E 03	53.872	5.857	0.005453	9	53.571
-0.2229752E 02	0.7259592E 02	0.7594299E 02	107.074	10.707	0.003370	10	59.524

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 8 CM. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.9929555E 04							
0.3695948E 04	0.7561641E 04	0.8416555E 04	63.952	63.952	1.000000	1	5.952
-0.2664687E 03	0.1585042E 04	0.1807284E 04	99.543	49.772	0.190967	2	11.905
-0.3086530E 03	-0.1725273E 01	0.3086077E 03	120.320	60.107	0.036667	3	17.857
0.2932827E 03	0.1270450E 03	0.3196172E 03	23.421	5.855	0.037975	4	23.810
-0.2162572E 03	-0.1124052E 03	0.2457254E 03	207.464	41.493	0.028958	5	29.762
0.1736284E 02	-0.2159741E 02	0.2771129E 02	308.797	51.464	0.003292	6	35.714
0.4108799E 03	-0.7013627E 03	0.4575886E 03	333.892	47.699	0.054365	7	41.667
0.1302244E 03	-0.3900844E 03	0.4112488E 03	288.461	36.858	0.048862	8	47.619
-0.1433282E 03	-0.2698801E 03	0.3048721E 03	241.958	26.884	0.036273	9	53.571
0.2018829E 03	0.1276659E 02	0.2022989E 03	3.675	0.367	0.024036	10	59.524

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 12 CM. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5855617E 04							
0.1496392E 04	0.2722323E 04	0.3106482E 04	61.203	61.203	1.000000	1	5.952
-0.1114934E 03	0.7219175E 03	0.7304761E 03	98.779	49.350	0.235146	2	11.905
-0.1363991E 03	-0.3752740E 02	0.1414673E 03	195.383	65.128	0.045539	3	17.857
0.1016139E 03	0.6402234E 02	0.1271789E 03	33.013	8.253	0.039008	4	23.810
-0.5893375E 02	-0.4745128E 02	0.7566248E 02	218.040	43.758	0.024356	5	29.762
-0.2082357E 02	-0.1321897E 03	0.1336976E 03	261.386	43.564	0.043038	6	35.714
-0.1977310E 03	-0.1723517E 03	0.2600483E 03	118.489	45.498	0.083712	7	41.667
-0.1347327E 02	-0.2581187E 03	0.2584897E 03	267.012	33.376	0.083210	8	47.619
-0.1261958E 03	-0.9361642E 02	0.1571287E 03	216.549	24.083	0.050581	9	53.571
0.1551594E 03	0.7534787E 02	0.1724849E 03	25.902	2.550	0.055525	10	59.524

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 36

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 9 TORSION 115

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.4877876E 02						1	5.952
0.1070766E 03	0.2942584E 02	0.1118178E 03	15.258	15.258	0.776747	2	11.905
-0.2498240E 02	0.8420789E 02	0.8783540E 02	106.524	53.242	0.610153	3	17.857
-0.1062944E 03	0.1350486E 02	0.1071588E 03	172.760	57.587	0.744327	4	23.810
0.7443152E 02	0.3401929E 01	0.7450920E 02	2.617	0.654	0.517581	5	29.762
0.1511253E 02	-0.1431611E 03	0.1499546E 03	276.020	55.205	1.000000	6	35.714
0.3711856E 02	-0.2746201E 02	0.4617502E 02	323.504	53.917	0.320743	7	41.667
0.2975011E 02	-0.3372211E 01	0.2994061E 02	353.533	50.565	0.207904	8	47.619
-0.6062225E 01	0.1259953E 02	0.1598208E 02	115.694	14.462	0.097127	9	53.571
-0.1044262E 02	0.1256591E 02	0.1633861E 02	129.728	14.414	0.113497	10	59.524
0.6521341E 01	0.1158166E 02	0.1329145E 02	60.617	6.062	0.092330		

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 15 TORSION 105

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.6652055E 01						1	5.952
0.7777917E 02	0.1020148E 03	0.1282833E 03	52.677	52.677	1.000000	2	11.905
-0.3082813E 02	0.3357588E 02	0.4557652E 02	132.550	66.275	0.355290	3	17.857
-0.3898874E 02	0.2197551E 02	0.4448578E 02	150.542	50.181	0.348336	4	23.810
0.1997822E 02	0.4833450E 01	0.1669328E 02	16.831	4.208	0.130128	5	29.762
0.1919344E 02	-0.1895366E 02	0.3258182E 02	291.409	55.282	0.409800	6	35.714
0.1426733E 02	-0.7962640E 01	0.1632918E 02	330.895	55.149	0.127290	7	41.667
0.5754343E 01	0.6423804E 01	0.8623655E 01	48.143	11.878	0.067223	8	47.619
-0.3815404E 00	0.1093454E 02	0.1095000E 02	93.044	11.631	0.085350	9	53.571
-0.3786183E 01	-0.1786220E 01	0.4186378E 01	205.257	22.946	0.032634	10	59.524
0.3278491E 01	0.1534840E 01	0.3619977E 01	75.087	2.569	0.028219		

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 29 PITCH LINK

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1388790E 01						1	5.952
0.1317881E 02	0.5665491E 02	0.5819025E 02	76.809	76.809	1.000000	2	11.905
-0.1325894E 02	-0.5757015E 01	0.1445485E 02	203.470	101.735	0.248407	3	17.857
0.3643089E 02	-0.2476997E 01	0.3651500E 02	354.110	118.703	0.627511	4	23.810
-0.3227184E 02	-0.1451851E 02	0.3538707E 02	204.222	51.056	0.608127	5	29.762
-0.2911678E 01	0.1178759E 02	0.1214188E 02	103.875	20.775	0.208658	6	35.714
-0.2760360E 01	0.2119767E 01	0.3480372E 01	142.478	23.746	0.059810	7	41.667
-0.1114951E 01	0.1909484E 00	0.1133154E 01	170.299	24.328	0.019473	8	47.619
-0.1371214E 00	0.1040757E 01	0.3043847E 01	92.582	11.573	0.052309	9	53.571
0.9425481E 00	-0.1979902E 01	0.2192808E 01	295.457	32.829	0.037601	10	59.524
-0.8074523E 00	0.1228495E 01	0.1470094E 01	123.316	12.332	0.025264		

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 175 CR 44.1 TR 34 BLADE ANGLE

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.3520829E 01						1	5.952
0.1191460E 01	-0.2147964E 01	0.2456203E 01	299.017	299.017	1.000000	2	11.905
-0.1899004E 01	0.4029047E 01	0.4454840E 01	115.232	57.616	0.018137	3	17.857
-0.2647985E 01	0.7859360E 02	0.2762159E 01	163.469	54.490	0.011245	4	23.810
0.6056529E 01	0.2818873E 01	0.6680363E 01	24.950	6.240	0.027197	5	29.762
0.1299755E 01	-0.1670339E 01	0.2116458E 01	907.880	61.578	0.006617	6	35.714
-0.5042738E 02	-0.1408646E 01	0.1529011E 01	247.472	61.245	0.006209	7	41.667
-0.1448383E 01	-0.1608965E 01	0.2164852E 01	278.007	32.572	0.008814	8	47.619
0.1124965E 01	0.6487634E 02	0.1299629E 01	79.972	5.746	0.005287	9	53.571
0.2537965E 01	-0.2017061E 02	0.3241866E 01	321.524	35.725	0.013198	10	59.524
-0.4358370E 02	-0.1033147E 02	0.4479147E 02	193.334	19.334	0.001824		

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 37

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 185 CR 45.1 TR 2 FL. BEND 8							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1390410E 05							
-0.4971727E 04	-0.4535487E 04	0.6729820E 04	222.374	222.374	1.000000	1	5.988
-0.1137411E 03	-0.3314300E 04	0.3314250E 04	248.035	134.018	0.493067	2	11.976
0.3648445E 03	-0.8874580E 03	0.9597124E 03	292.344	97.448	0.142606	3	17.964
-0.3742532E 03	0.1738090E 03	0.4126423E 03	155.090	38.772	0.061316	4	23.952
-0.7071820E 02	-0.9515085E 03	0.9341320E 02	265.745	53.150	0.141777	5	29.940
-0.1459863E 02	-0.1841923E 03	0.1847699E 03	265.448	44.245	0.027455	6	35.928
0.1473857E 03	-0.4999837E 02	0.1556354E 03	341.261	48.752	0.023126	7	41.916
0.2225053E 02	-0.3383322E 02	0.4049411E 02	303.331	37.916	0.006017	8	47.904
-0.1630967E 01	0.3209280E 02	0.3213429E 02	92.909	10.321	0.004775	9	53.892
-0.5593099E 01	0.3371115E 02	0.3367802E 02	99.560	9.956	0.003004	10	59.880

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 188 CR 45.1 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.2853373E 04							
-0.2720803E 03	-0.1318604E 04	0.1846593E 04	254.932	254.932	1.000000	1	5.988
0.2794965E 02	-0.1804919E 02	0.3327892E 02	327.144	163.573	0.031790	2	11.976
-0.1143443E 03	0.1132876E 02	0.1149841E 03	174.342	58.114	0.109789	3	17.964
0.1548485E 03	-0.9187671E 02	0.1786449E 03	329.537	82.384	0.171645	4	23.952
0.2061197E 03	0.4768189E 03	0.5187287E 03	46.587	13.317	0.495628	5	29.940
-0.4324400E 02	0.1395395E 03	0.1448847E 03	187.219	17.670	0.139563	6	35.928
-0.2063806E 03	0.6408352E 02	0.2168807E 03	162.764	23.252	0.206385	7	41.916
-0.4189484E 02	-0.6875425E 01	0.4289540E 02	351.702	43.963	0.048221	8	47.904
0.3478649E 02	-0.2886972E 02	0.4857333E 02	329.051	36.561	0.038767	9	53.892
0.3545575E 02	-0.3384120E 00	0.3544717E 02	359.453	35.945	0.033849	10	59.880

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 188 CR 45.1 TR 6 FL. BEND 75							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1048295E 04							
0.5082915E 03	-0.8858672E 03	0.1059888E 04	303.227	303.227	1.000000	1	5.988
-0.1183491E 03	0.4335647E 03	0.4473918E 03	184.282	52.141	0.422463	2	11.976
-0.5187825E 02	0.1831345E 03	0.1154437E 03	116.780	38.988	0.109811	3	17.964
0.6586749E 02	-0.2718716E 02	0.7123924E 02	337.565	84.391	0.067270	4	23.952
0.7329299E 02	0.2735732E 03	0.2832287E 03	75.888	13.888	0.267440	5	29.940
-0.2549901E 02	0.2678591E 02	0.3711894E 02	133.816	22.385	0.835051	6	35.928
-0.1665939E 02	0.2165564E 02	0.2732217E 02	127.571	18.224	0.025880	7	41.916
-0.3806873E 02	-0.4585679E 01	0.3806817E 02	188.678	23.584	0.028714	8	47.904
-0.2862189E 02	0.8818420E 01	0.2942216E 02	166.684	18.512	0.027783	9	53.892
-0.1638894E 02	-0.2615986E 01	0.1651334E 02	189.115	18.911	0.015593	10	59.880

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 502 CTR 188 CR 45.1 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.8423892E 03							
0.9339564E 03	-0.9848639E 03	0.1358665E 04	313.418	313.418	1.000000	1	5.988
-0.2894878E 03	0.4732124E 03	0.5175883E 03	113.879	56.439	0.388951	2	11.976
0.5652909E 02	0.2914661E 03	0.2968972E 03	79.324	26.341	0.218553	3	17.964
-0.4831871E 02	0.6885369E 02	0.7233282E 02	123.877	38.949	0.053246	4	23.952
-0.6548846E 02	-0.4733813E 02	0.8874133E 02	215.894	43.179	0.099436	5	29.940
0.1124567E 02	-0.5336194E 02	0.5453403E 02	201.988	46.985	0.040144	6	35.928
0.1082413E 03	0.2831693E 01	0.1882814E 03	1.618	0.231	0.073828	7	41.916
0.7988988E 01	-0.8844884E 01	0.1135281E 02	314.728	39.348	0.008757	8	47.904
0.5382273E 01	0.5813789E 01	0.7848599E 01	47.635	5.295	0.885792	9	53.892
0.1942966E 01	-0.1819478E 01	0.2684459E 01	317.889	31.709	0.001963	10	59.880

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 37

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 100 CR 45.1 TR 1C FL. BEND 140

AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1531513E 04						1	5.900
0.7903043E 03	-0.9825615E 03	0.1266035E 04	309.096	309.056	1.000000	2	11.976
-0.1515535E 03	0.3079771E 03	0.4165249E 03	111.337	55.668	0.329001	3	17.964
0.1522550E 03	0.3415417E 03	0.3739414E 03	65.973	21.991	0.295364	4	23.952
-0.5442610E 02	0.4095773E 02	0.7135225E 02	144.969	36.242	0.056359	5	29.940
-0.1174882E 03	-0.2904910E 03	0.3207805E 03	248.515	49.703	0.253374	6	35.928
-0.5337205E 01	-0.5230402E 02	0.5257642E 02	264.174	44.029	0.041522	7	41.916
-0.3187537E 02	0.9324069E 01	0.3321109E 02	163.695	23.385	0.026232	8	47.904
0.4036351E 02	0.3376645E 02	0.5262494E 02	39.914	4.989	0.041567	9	53.892
0.2344577E 02	0.2210675E 02	0.3237642E 02	43.549	4.839	0.025573	10	59.880
0.7901610E 01	0.4375306E 01	0.9032141E 01	28.975	2.897	0.007134		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 100 CR 45.1 TR 11 FL. BEND 157

AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2061895E 04						1	5.900
0.5215056E 03	-0.7754277E 03	0.9344817E 03	303.922	303.922	1.000000	2	11.976
-0.1174250E 03	0.2191341E 03	0.2486133E 03	118.185	59.093	0.266044	3	17.964
0.2513013E 03	0.3300791E 03	0.4212470E 03	53.376	17.792	0.450782	4	23.952
-0.2003560E 02	0.1015102E 03	0.1053183E 03	105.430	26.360	0.112702	5	29.940
-0.1304275E 03	-0.3448354E 03	0.3893320E 03	258.427	50.085	0.416429	6	35.928
-0.5003499E 01	-0.6401554E 02	0.6620485E 02	265.666	44.278	0.070047	7	41.916
-0.1162470E 03	-0.3002071E 02	0.1208614E 03	194.400	27.783	0.120479	8	47.904
0.9999525E 00	-0.5744900E 00	0.1153232E 01	330.122	41.255	0.001234	9	53.892
-0.2599069E 02	0.2413208E 01	0.2610240E 02	174.695	19.411	0.027933	10	59.880
-0.1009346E 02	0.8918104E 01	0.1346880E 02	138.530	13.854	0.014413		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 100 CR 45.1 TR 13 FL. BEND 172

AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1772829E 04						1	5.900
0.2066772E 03	-0.5345254E 03	0.5749543E 03	291.067	291.067	1.000000	2	11.976
-0.3554809E 02	0.9332932E 02	0.9987032E 02	110.852	55.426	0.173701	3	17.964
0.3070604E 03	0.2713955E 03	0.4098125E 03	41.471	13.824	0.712772	4	23.952
-0.3463031E 02	0.1012554E 03	0.1070136E 03	108.881	27.220	0.186125	5	29.940
-0.7605257E 02	-0.3674534E 03	0.3713250E 03	258.181	51.636	0.645892	6	35.928
-0.1583286E 02	-0.3912544E 02	0.4220757E 02	247.960	41.328	0.073410	7	41.916
-0.1270490E 03	-0.6038454E 02	0.1406689E 03	205.421	29.346	0.244660	8	47.904
-0.2290460E 02	-0.2578627E 02	0.3449988E 02	228.387	28.548	0.059987	9	53.892
-0.2318183E 00	0.2632486E 01	0.2642673E 01	95.033	10.559	0.004596	10	59.880
-0.2393365E 02	-0.2294911E 02	0.3315842E 02	223.797	22.327	0.057671		

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 100 CR 45.1 TR 14 FL. BEND 185

AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1364518E 04						1	5.900
-0.4330295E 02	-0.2093394E 03	0.2137712E 03	258.313	258.313	0.543980	2	11.976
0.1099004E 02	-0.6557895E 01	0.1279792E 02	329.175	164.587	0.032567	3	17.964
0.3251516E 03	0.2051922E 03	0.3929761E 03	31.476	10.492	1.000000	4	23.952
0.7046827E 01	0.1007529E 03	0.1009991E 03	85.999	21.500	0.257011	5	29.940
-0.5092389E 02	-0.2588204E 03	0.2637875E 03	358.869	51.774	0.471243	6	35.928
0.2294947E 02	-0.3125638E 02	0.3878873E 02	306.311	51.832	0.090785	7	41.916
-0.1216514E 03	-0.3695283E 02	0.1317252E 03	202.553	28.934	0.335199	8	47.904
-0.7446805E 01	-0.2187321E 02	0.2310612E 02	251.198	31.460	0.058798	9	53.892
-0.2902443E 02	-0.2005292E 02	0.3573878E 02	215.696	23.964	0.090944	10	59.880
-0.3244220E 02	-0.3316240E 02	0.4639081E 02	225.627	22.563	0.110950		

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 37

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 502 CTR 121 CR 45.1 TR 1 CH. BEND 8							
AJ	RJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1023235E 04							
0.2561722E 05	0.3089322E 05	0.4013269E 05	50.334	50.334	1.000000	1	5.988
-0.7478713E 03	0.5627145E 04	0.5676627E 04	97.571	44.78	0.141446	2	11.976
-0.1534809E 04	-0.1311441E 03	0.1548601E 04	184.884	61.628	0.038383	3	17.964
0.2449339E 02	-0.1806577E 03	0.3043513E 03	323.588	80.857	0.007584	4	23.952
0.3547800E 03	-0.8136655E 03	0.8876487E 03	293.558	58.717	0.022118	5	29.940
0.1101256E 03	-0.4639243E 03	0.4768157E 03	283.354	47.226	0.011801	6	35.928
-0.1436604E 03	-0.2997336E 03	0.3323848E 03	244.392	34.913	0.008282	7	41.916
0.5377846E 03	0.1356518E 03	0.5546311E 03	14.177	1.770	0.013820	8	47.904
0.2272243E 03	-0.2086910E 03	0.3385148E 03	317.434	35.270	0.007687	9	53.892
-0.3935977E 03	0.1107059E 03	0.4088701E 03	184.240	18.429	0.010188	10	59.880

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 502 CTR 188 CR 45.1 TR 5 CH. BEND 45							
AJ	RJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.9613605E 04							
0.1506693E 05	0.1979311E 05	0.2303471E 05	57.998	52.998	1.000000	1	5.988
0.1568591E 03	0.3539955E 04	0.3543428E 04	81.463	43.731	0.141541	2	11.976
-0.7277744E 03	0.5309375E 02	0.7297885E 03	175.827	58.669	0.029148	3	17.964
0.1136594E 03	0.8616517E 02	0.1426285E 03	37.184	9.291	0.005497	4	23.952
-0.5718010E 03	-0.7344045E 03	0.9307556E 03	232.096	46.419	0.037179	5	29.940
-0.1409939E 02	-0.4706086E 01	0.4788196E 03	268.284	44.714	0.018887	6	35.928
0.1212921E 03	-0.6707031E 02	0.1386088E 03	331.059	47.294	0.005376	7	41.916
-0.1781351E 03	-0.8776843E 02	0.1914399E 03	207.288	25.911	0.007647	8	47.904
0.5225151E 01	0.3294542E 02	0.3335719E 02	80.988	8.999	0.001332	9	53.892
-0.4918545E 02	0.6281531E 02	0.7978887E 02	128.062	12.806	0.003187	10	59.880

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 502 CTR 188 CR 45.1 TR 8 CH. BEND 115							
AJ	RJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1059099E 05							
0.5268680E 04	0.7345951E 04	0.9039289E 04	54.348	54.348	1.000000	1	5.988
0.5024558E 03	0.1483179E 04	0.1547846E 04	71.047	35.524	0.171147	2	11.976
-0.4482327E 03	0.7259435E 02	0.4548730E 03	170.800	56.933	0.050233	3	17.964
0.1099364E 03	0.9033598E 02	0.1422986E 03	39.410	9.853	0.015741	4	23.952
-0.4434905E 03	-0.1606061E 03	0.4716758E 03	199.907	39.981	0.052181	5	29.940
-0.2846593E 02	-0.2561721E 03	0.2577485E 03	263.659	43.943	0.028514	6	35.928
0.2941047E 03	-0.1308650E 03	0.3219055E 03	734.013	48.022	0.035612	7	41.916
-0.5709442E 03	-0.1570887E 03	0.5907549E 03	194.918	24.365	0.065354	8	47.904
-0.1304786E 03	0.1618986E 03	0.2879261E 03	128.868	14.319	0.023882	9	53.892
0.1373977E 03	-0.1884491E 03	0.2332192E 03	306.096	30.610	0.025881	10	59.880

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 502 CTR 188 CR 45.1 TR 12 CH. BEND 157							
AJ	RJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.6000262E 04							
0.1901824E 04	0.2477805E 04	0.3123532E 04	52.492	52.492	1.000000	1	5.988
0.1672594E 03	0.5975823E 03	0.6205483E 03	74.363	37.182	0.198649	2	11.976
-0.2442347E 03	0.7762982E 02	0.2562749E 03	162.367	54.122	0.082846	3	17.964
0.1135788E 03	0.4886838E 02	0.1287877E 03	17.790	4.947	0.038645	4	23.952
-0.3274182E 03	-0.8687578E 02	0.3387476E 03	194.860	38.972	0.188450	5	29.940
-0.7880509E 02	-0.1275341E 03	0.1457738E 03	241.830	48.172	0.046570	6	35.928
0.1749784E 03	-0.6332367E 02	0.1868768E 03	340.104	48.586	0.059572	7	41.916
-0.4377134E 03	-0.6753374E 02	0.4427926E 03	188.771	23.566	0.141792	8	47.904
0.1034378E 02	0.1868213E 03	0.1863889E 03	84.817	9.646	0.059647	9	53.892
0.1379874E 03	-0.1584583E 03	0.2101188E 03	311.050	31.185	0.067269	10	59.880

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 37

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 180 CR 45.1 TR 9 TORSION 115

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1887067E 02		0.1156552E 03	25.136	25.136	0.851490	1	5.988
0.1047025E 03	0.4912795E 02	0.7069191E 02	163.419	51.710	0.520576	2	11.976
-0.1640605E 02	0.6876187E 02	0.8789438E 02	177.656	59.219	0.647258	3	17.964
-0.8782005E 02	0.3595005E 01	0.5829176E 02	2.638	5.680	0.429263	4	23.952
0.5822998E 02	0.2683379E 01	0.1357949E 03	260.624	52.125	1.000000	5	29.940
-0.2212247E 02	-0.1339808E 03	0.3407271E 02	249.584	44.931	0.250913	6	35.928
-0.2474284E 00	-0.3407182E 02	0.2383633E 02	13.267	1.899	0.175532	7	41.916
0.2320013E 02	0.5470360E 01	0.1945050E 02	93.296	11.662	0.141234	8	47.904
-0.1118298E 01	0.1941833E 02	0.3112848E 02	133.094	14.788	0.229232	9	53.892
-0.2126674E 02	0.2273123E 02	0.1362326E 02	2.330	0.233	0.100322	10	59.880
0.1361200E 02	0.5538893E 00						

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 180 CR 45.1 TR 15 TORSION 145

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1892984E 02		0.1563903E 03	44.897	44.897	1.000000	1	5.988
0.1107544E 03	0.1103500E 03	0.5073412E 02	128.100	64.050	0.324490	2	11.976
-0.3138446E 02	0.3992455E 02	0.3801689E 02	162.697	54.232	0.243152	3	17.964
-0.3629654E 02	0.1138690E 02	0.3108618E 02	322.435	80.609	0.198824	4	23.952
0.2466893E 02	-0.1893193E 02	2.9970640E 02	204.150	56.830	0.381877	5	29.940
0.1459568E 02	-0.5789513E 02	0.5261002E 01	356.741	99.457	0.833649	6	35.928
0.5252499E 01	-0.2998436E 00	0.1193676E 02	84.927	12.132	0.076366	7	41.916
0.1895486E 01	0.1188801E 02	0.7313659E 01	157.543	19.893	0.246777	8	47.904
-0.6759833E 01	0.2793758E 01	0.7506850E 01	159.789	17.754	0.045613	9	53.892
-0.7044689E 01	0.2593513E 01	0.8188525E 01	333.556	33.356	0.052373	10	59.880
0.7331773E 01	-0.3646513E 01						

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 180 CR 45.1 TR 29 PITCH LINK

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.2467892E 02		0.4828531E 02	45.368	45.368	1.000000	1	5.988
0.3392750E 02	0.3436177E 02	0.1477536E 02	165.811	82.504	0.304801	2	11.976
-0.1427265E 02	0.3821340E 01	0.2730208E 02	7.569	2.323	0.565432	3	17.964
0.2706421E 02	0.3596211E 01	0.3097334E 02	200.257	50.864	0.641465	4	23.952
-0.2905757E 02	-0.1072411E 02	0.1457726E 02	91.306	18.261	0.301898	5	29.940
-0.3323250E 00	0.1457347E 02	0.2768960E 01	48.265	8.044	0.057346	6	35.928
0.1843260E 01	0.2066286E 01	0.4371795E 01	96.344	13.763	0.098541	7	41.916
-0.4830530E 00	0.4345828E 01	0.2394731E 01	87.308	10.913	0.049595	8	47.904
0.1124797E 00	0.2392808E 01	0.1187925E 01	172.125	19.124	0.024602	9	53.892
-0.1176710E 01	0.1628942E 00	0.4599983E 01	85.832	8.583	0.095267	10	59.880
0.3343222E 00	0.4587819E 01						

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 502 CTR 180 CR 45.1 TR 34 BLADE ANGLE

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.3762203E 01		0.2448210E 01	296.657	296.657	1.000000	1	5.988
0.1098385E 01	-0.2187986E 01	0.3313801E 01	84.092	42.044	0.013536	2	11.976
0.3418737E 02	0.3296203E 01	0.5761295E 01	175.745	58.582	0.023533	3	17.964
-0.5749418E 01	0.4274499E 02	0.8386290E 01	31.209	7.802	0.034255	4	23.952
0.7172638E 01	0.4345846E 01	0.3975917E 02	120.978	24.196	0.003250	5	29.940
-0.4185246E 02	0.6838292E 02	0.1417962E 01	99.188	16.531	0.005772	6	35.928
-0.2264208E 02	0.1399798E 01	0.1485872E 01	345.732	49.350	0.004069	7	41.916
0.1448037E 01	-0.3662054E 02	0.1965043E 01	249.155	31.144	0.008824	8	47.904
-0.6992310E 02	-0.1836430E 01	0.9067103E 02	60.080	6.376	0.003704	9	53.892
0.4522532E 02	0.7858697E 02	0.7708933E 02	159.357	15.936	0.003149	10	59.880
-0.7213987E 02	0.2717733E 02						

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 30

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 494 CTR 226 CR 8.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2071271E 03							
0.1467344E 03	0.4220359E 04	0.4230098E 04	88.012	88.012	0.359124	1	5.917
0.1300777E 04	-0.7454371E 04	0.7567003E 04	279.090	139.949	1.000050	2	11.834
0.1917413E 04	-0.0741609E 03	0.2107462E 04	335.494	111.831	0.278507	3	17.751
-0.2175007E 03	-0.7059002E 02	0.2300751E 03	199.302	49.040	0.030404	4	23.669
0.0501292E 02	-0.1363574E 04	0.1366271E 04	273.001	54.720	0.100556	5	29.506
0.1309240E 03	-0.1204197E 03	0.1033920E 03	315.553	52.592	0.024236	6	35.303
0.2700700E 03	0.1612057E 03	0.3149612E 03	30.706	4.398	0.041623	7	41.420
-0.2570410E 03	-0.4074349E 01	0.2571079E 03	101.006	22.636	0.033977	8	47.337
0.1044943E 02	-0.1099443E 03	0.1.46337E 03	286.441	31.027	0.015149	9	53.254
0.0412420E 02	-0.5262953E 02	0.6003557E 02	309.072	30.987	0.009097	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 494 CTR 226 CR 8.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1430740E 04							
0.7431294E 00	0.7411410E 03	0.1063794E 04	44.163	44.163	1.000000	1	5.917
-0.9177753E 02	-0.1403422E 03	0.1409509E 03	249.749	124.874	0.140610	2	11.834
-0.0057049E 02	-0.1060612E 03	0.1064544E 03	292.040	84.013	0.104673	3	17.751
0.1962144E 03	0.1471149E 03	0.2452400E 03	36.061	9.215	0.230554	4	23.669
0.1670997E 03	0.7552429E 03	0.7736721E 03	77.469	15.494	0.727276	5	29.506
-0.1090437E 03	0.4970637E 02	0.1284094E 03	195.507	25.931	0.113109	6	35.303
-0.22904210E 03	-0.1931226E 03	0.2950830E 03	220.090	31.441	0.201000	7	41.420
0.3903040E 03	0.0999502E 02	0.3997441E 03	12.423	1.593	0.375772	8	47.337
0.2339520E 02	0.1309000E 03	0.1607004E 03	81.629	9.070	0.151063	9	53.254
-0.3043042E 02	0.7093827E 02	0.0700234E 02	125.408	12.541	0.001013	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 494 CTR 226 CR 8.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1020070E 03							
0.1095504E 04	-0.5441471E 03	0.1232309E 04	332.755	332.755	1.000000	1	5.917
-0.3334304E 03	0.9071644E 03	0.9065122E 03	110.103	55.091	0.704310	2	11.834
-0.1931391E 03	0.2091549E 02	0.1972699E 03	171.571	57.190	0.160002	3	17.751
0.0097791E 02	0.1091493E 03	0.1230275E 03	60.009	15.202	0.101456	4	23.669
0.0745274E 02	0.4534294E 03	0.4506169E 03	81.542	10.300	0.372161	5	29.506
-0.0745443E 02	0.3263927E 02	0.7493472E 02	154.102	25.497	0.060000	6	35.303
0.2000400E 02	0.3413363E 02	0.3950212E 02	59.553	8.500	0.032120	7	41.420
-0.0779149E 00	-0.3011404E 02	0.3012005E 02	268.981	33.623	0.030954	8	47.337
0.5090401E 02	-0.1090404E 02	0.5195610E 02	348.540	36.729	0.042162	9	53.254
0.2200349E 02	-0.1464200E 02	0.2049701E 02	324.453	32.445	0.021302	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 494 CTR 226 CR 8.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.0023962E 03							
0.1234900E 04	-0.1037679E 04	0.1612695E 04	319.951	319.951	1.000000	1	5.917
-0.2116124E 03	0.1020240E 04	0.1041963E 04	101.710	50.859	0.646100	2	11.834
-0.1090327E 00	0.4402041E 03	0.4977000E 03	159.053	36.618	0.300069	3	17.751
-0.1040314E 02	-0.6113900E 02	0.6202277E 02	260.316	65.079	0.030460	4	23.669
-0.2794479E 02	-0.1197340E 03	0.1789061E 03	256.615	51.323	0.073781	5	29.506
0.0521670E 01	0.6255080E 02	0.6406767E 02	82.717	13.786	0.039727	6	35.303
0.0139033E 02	0.1132054E 03	0.1394964E 03	54.302	7.757	0.004499	7	41.420
-0.2026294E 02	-0.2720905E 02	0.2044501E 03	107.605	23.458	0.126775	8	47.337
-0.7190409E 02	-0.3494055E 02	0.7945005E 02	206.017	22.891	0.040394	9	53.254
-0.3139449E 02	-0.4076111E 02	0.5144070E 02	232.396	23.240	0.031993	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 39

HARMONIC ANALYSIS MODEL KM-51A SHIP 1002C T 494 CTR 224 CR 2.0 TR 10 FL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.102469E 04							
0.920877E 03	-0.1004055E 04	0.1362403E 04	312.526	312.526	1.000000	1	5.917
-0.073920E 02	0.6678379E 03	0.6735315E 03	97.455	48.728	0.494370	2	11.834
0.751794E 01	0.6001763E 00	0.6002178E 03	89.357	29.799	0.499278	3	17.751
-0.520174E 02	-0.7390961E 02	0.9037941E 02	234.062	58.714	0.066338	4	23.669
-0.225904E 03	-0.6244821E 03	0.6644097E 03	250.110	50.024	0.407734	5	29.586
0.713587E 02	-0.5927069E 02	0.9276069E 02	320.203	53.380	0.068092	6	35.503
-0.037741E 02	-0.6713067E 01	0.0464286E 02	100.503	26.369	0.061667	7	41.420
0.406294E 02	-0.3896999E 01	0.4078552E 02	353.418	44.427	0.035008	8	47.337
0.2107237E 01	0.5941682E 02	0.5944159E 02	87.776	9.793	0.043645	9	53.254
-0.4922217E 02	0.3741402E 02	0.6182796E 02	142.761	14.276	0.045362	10	59.172

HARMONIC ANALYSIS MODEL KM-51A SHIP 1002C T 494 CTR 224 CR 2.0 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1139042E 04							
0.5093810E 03	-0.0044312E 03	0.5972363E 03	306.229	306.229	1.000000	1	5.917
-0.0009592E 00	0.3310432E 03	0.3310439E 03	90.139	45.069	0.331961	2	11.834
0.2509624E 03	0.7327217E 03	0.7765083E 03	71.093	23.698	0.776055	3	17.751
-0.3629034E 02	0.3709334E 02	0.3106755E 02	134.407	33.602	0.052081	4	23.669
-0.394194E 03	-0.7893062E 02	0.0622502E 03	249.404	48.693	0.004095	5	29.586
0.8226410E 02	-0.7692064E 03	0.2015720E 03	206.988	47.031	0.202352	6	35.503
-0.7172130E 02	-0.1460607E 03	0.1016216E 03	246.741	33.249	0.102123	7	41.420
0.2730004E 03	-0.1413320E 02	0.2742324E 03	357.046	44.631	0.273062	8	47.337
0.1311094E 03	0.5912990E 02	0.1422087E 03	22.704	2.933	0.142693	9	53.254
-0.2020904E 01	0.2440573E 02	0.2440573E 02	90.040	9.003	0.024473	10	59.172

HARMONIC ANALYSIS MODEL KM-51A SHIP 1002C T 494 CTR 226 CR 2.0 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.6792131E 03							
0.2321992E 03	-0.4240945E 03	0.4034810E 03	290.697	290.697	0.694462	1	5.917
-0.1191214E 02	0.3005933E 02	0.3233340E 02	111.618	55.609	0.043903	2	11.834
0.3029751E 03	0.5918521E 03	0.7049529E 03	57.094	19.031	0.957201	3	17.751
0.2042000E 02	0.7207605E 02	0.7491460E 02	74.177	18.544	0.101721	4	23.669
-0.3203743E 03	-0.6631387E 03	0.7364729E 03	244.214	48.043	1.000000	5	29.586
0.9147433E 02	-0.3032205E 03	0.3167253E 03	204.787	47.798	0.430057	6	35.503
-0.5137193E 00	-0.2022463E 03	0.2022469E 03	269.894	38.591	0.274643	7	41.420
0.3495129E 03	0.6400369E 02	0.3751521E 03	9.047	1.243	0.309590	8	47.337
0.1246345E 03	0.4403401E 02	0.1320442E 03	20.272	2.292	0.100406	9	53.254
0.7551221E 02	0.7493219E 01	0.7507909E 02	5.637	0.944	0.102030	10	59.172

HARMONIC ANALYSIS MODEL KM-51A SHIP 1002C T 494 CTR 226 CR 2.0 TR 14 FL. BEND 189

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.3420709E 03							
0.8296074E 01	-0.1597092E 03	0.1599245E 03	272.973	272.973	0.264243	1	5.917
-0.1981270E 02	-0.1052650E 03	0.1071141E 03	259.341	129.670	0.170004	2	11.834
0.4200952E 03	0.4356809E 03	0.6032103E 03	46.044	15.348	1.000000	3	17.751
0.9084776E 02	0.1157987E 03	0.1522505E 03	49.515	12.379	0.251363	4	23.669
-0.2020703E 03	-0.4397129E 03	0.5224087E 03	237.329	47.444	0.063174	5	29.586
0.4635556E 02	-0.2567209E 03	0.2612722E 03	289.710	40.785	0.431699	6	35.503
0.2936687E 02	-0.1764370E 03	0.1700442E 03	279.450	39.921	0.295557	7	41.420
0.3633604E 03	0.3000001E 02	0.3633561E 03	5.989	0.740	0.603667	8	47.337
0.1294125E 03	0.3379547E 02	0.1342713E 03	15.402	1.710	0.221050	9	53.254
0.1000100E 03	-0.4362099E 02	0.1172362E 03	338.156	33.816	0.193709	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 39

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 494 CTR 226 CR 8.0 TR 1 CM. BEND 8							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.8794492E 04						1	5.917
-0.1157437E 04	0.4079753E 05	0.4081394E 05	91.625	91.625	1.000000	1	5.917
-0.3360615E 04	-0.2960286E 03	0.3373627E 04	189.034	92.517	0.082659	2	11.834
-0.6660918E 03	-0.1066960E 04	0.1257808E 04	238.024	79.341	0.030818	3	17.751
-0.4970359E 03	-0.4162173E 02	0.5008411E 03	187.067	46.767	0.012271	4	23.669
0.2061280E 03	-0.4739680E 03	0.7053723E 03	287.161	57.432	0.017283	5	29.586
0.1849392E 03	-0.1270456E 05	0.2243727E 03	325.512	54.252	0.005497	6	35.503
-0.2066355E 03	-0.2300582E 03	0.3092327E 03	228.070	52.581	0.007577	7	41.420
0.6669814E 01	-0.9047285E 03	0.9047515E 03	270.410	33.801	0.022168	8	47.337
-0.3595159E 03	0.3710422E 03	0.5166467E 03	134.096	14.900	0.012639	9	53.254
-0.2066339E 02	0.8885931E 02	0.9129861E 02	103.274	10.327	0.002237	10	59.172

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 494 CTR 226 CR 8.0 TR 5 CM. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1476289E 05						1	5.917
-0.1554713E 04	0.7521765E 05	0.2526552E 05	93.528	93.528	1.000000	1	5.917
-0.1914411E 04	0.2390962E 02	0.1914768E 04	70.285	89.642	0.075785	2	11.834
0.1048969E 02	-0.2002964E 03	0.2005709E 03	272.998	90.999	0.007930	3	17.751
0.6628232E 03	0.3523545E 03	0.8628835E 03	39.886	9.951	0.034149	4	23.669
-0.3632583E 03	-0.3458687E 03	0.5015791E 03	223.595	44.719	0.019852	5	29.586
0.1324498E 03	0.0410635E 03	0.0514316E 03	81.049	13.588	0.033699	6	35.503
0.6633493E 01	0.3440754E 00	0.3441426E 03	88.867	12.495	0.013621	7	41.420
-0.6790802E 02	0.1148876E 03	0.1443141E 03	127.548	15.966	0.005712	8	47.337
0.1620581E 03	-0.1808844E 03	0.1409599E 03	313.246	34.805	0.005096	9	53.254
0.1622721E 03	0.3157605E 02	0.1693157E 03	11.811	1.101	0.006543	10	59.172

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 494 CTR 226 CR 8.0 TR 8 CM. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1026640E 05						1	5.917
-0.1679584E 04	0.1052139E 05	0.1957662E 05	95.859	95.859	1.000000	1	5.917
-0.7605608E 03	-0.2518244E 03	0.8808658E 03	198.267	99.133	0.075720	2	11.834
0.4886607E 02	-0.3363355E 03	0.3397505E 03	278.133	92.711	0.032123	3	17.751
0.9057622E 03	0.4299851E 03	0.1002643E 04	25.304	6.349	0.094798	4	23.669
-0.3888215E 03	0.2561287E 03	0.4656006E 03	146.626	29.325	0.044822	5	29.586
0.1361432E 03	0.7716499E 03	0.7832227E 03	80.130	13.356	0.074052	6	35.503
0.2248916E 03	0.4767249E 03	0.5271879E 03	64.745	9.249	0.049837	7	41.420
0.2065579E 03	0.7286399E 03	0.7575999E 03	74.174	9.272	0.071611	8	47.337
0.3498203E 03	-0.4854534E 03	0.5349888E 03	318.723	34.525	0.050582	9	53.254
0.1223606E 03	-0.5584363E 02	0.1345013E 03	335.469	33.547	0.012727	10	59.172

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 494 CTR 226 CR 8.0 TR 12 CM. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.7085109E 04						1	5.917
-0.3648633E 03	0.4181746E 04	0.4219613E 04	97.682	97.682	1.000000	1	5.917
-0.4609590E 03	-0.7459694E 02	0.4672795E 03	189.435	94.717	0.110740	2	11.834
0.1270996E 02	-0.1412404E 03	0.1418112E 03	275.142	91.714	0.033408	3	17.751
0.4428103E 03	0.9017534E 02	0.4518909E 03	11.510	2.878	0.107095	4	23.669
-0.1263301E 03	0.2735649E 03	0.3013306E 03	114.788	22.958	0.071412	5	29.586
0.1951395E 03	0.4537075E 03	0.4657302E 03	76.953	12.825	0.110373	6	35.503
0.2221303E 03	0.3779761E 03	0.4586148E 03	59.558	8.508	0.103899	7	41.420
0.3889148E 03	0.4942778E 03	0.5828711E 03	57.395	7.249	0.138134	8	47.337
0.1061952E 03	-0.3339838E 03	0.3503840E 03	287.641	31.960	0.083037	9	53.254
0.5814464E 07	-0.4437706E 02	0.7314452E 02	322.648	32.265	0.017334	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 32

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 4% CTR 226 CR 8.0 TR 9 TORSION 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1911329E 03	-0.9733582E 02	0.1721709E 03	325.573	325.573	0.662199	1	9.917
0.1420193E 03	0.1034091E 03	0.1709430E 03	142.742	71.371	0.657402	2	11.034
-0.1340580E 03	-0.1358189E 03	0.1616949E 03	254.306	84.835	0.621909	3	17.751
-0.4519400E 02	0.1260114E 03	0.1283039E 03	85.674	21.409	0.493787	4	23.649
0.9768235E 01	-0.2531083E 03	0.2599970E 03	254.765	51.354	1.000000	5	29.500
-0.5945714E 02	0.7700940E 02	0.1008642E 03	44.770	8.295	0.387962	6	35.503
0.6514497E 02	0.4837166E 02	0.6888449E 02	44.605	4.372	0.264943	7	41.420
0.4904372E 02	-0.2765718E 02	0.3674529E 02	228.822	28.608	0.141329	8	47.337
-0.2419242E 02	0.4265499E 01	0.4326907E 01	80.351	8.928	0.016642	9	53.254
0.7252040E 00	0.2627332E 02	0.2671088E 02	100.305	10.839	0.102755	10	59.172
-0.4815022E 01							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 4% CTR 226 CR 8.0 TR 15 TORSION 125							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1103031E 03	0.4251798E 02	0.6143750E 02	43.615	43.615	0.610092	1	9.917
0.4462523E 02	-0.7324 4E 01	0.9959325E 02	184.210	92.109	1.000000	2	11.034
-0.9932354E 02	-0.5312534E 02	0.5804907E 02	293.769	97.923	0.562061	3	17.751
0.2339047E 02	0.6009091E 02	0.6004402E 02	65.648	16.412	0.671170	4	23.649
0.2754233E 02	-0.7181509E 02	0.8191360E 02	241.249	48.250	0.827402	5	29.500
-0.3940094E 02	0.8005330E 01	0.9164741E 01	62.845	10.341	0.092822	6	35.503
0.4296254E 01	0.6551235E 01	0.2418810E 02	15.720	2.246	0.242789	7	41.420
0.2327500E 02	-0.3290040E 01	0.9543303E 01	339.770	42.477	0.095824	8	47.337
0.8955193E 01	0.1365482E 02	0.1365494E 02	89.753	4.973	0.137107	9	53.254
0.5802134E 01	0.5571930E 01	0.7591146E 01	47.222	4.722	0.076221	10	59.172
0.5135592E 01							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 4% CTR 226 CR 8.0 TR 20 PITCH LINE							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.8194504E 02	0.1428327E 03	0.1542598E 03	112.192	112.192	1.000000	1	9.917
-0.5526549E 02	-0.1637471E 02	0.4487585E 02	338.598	109.299	0.290093	2	11.034
0.4177870E 02	0.2723750E 02	0.4315323E 02	39.137	13.844	0.279747	3	17.751
0.3347113E 02	-0.2655713E 02	0.2857436E 02	277.869	69.267	0.105233	4	23.649
0.3516746E 01	0.23 3044E 02	0.2918744E 02	127.679	29.536	0.108210	5	29.500
-0.1784629E 02	-0.1961683E 02	0.1990001E 02	279.691	46.615	0.124003	6	35.503
0.3349571E 01	0.2486100E 01	0.5228487E 01	38.914	4.416	0.033894	7	41.420
0.4485714E 01	0.1824497E 01	0.1551254E 01	135.667	17.333	0.010804	8	47.337
-0.1164817E 01	0.4453208E 01	0.5065999E 01	77.995	8.644	0.037861	9	53.254
0.1053754E 01	-0.8999205E 00	0.9387127E 00	284.777	28.478	0.006893	10	59.172
0.2373701E 00							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 4% CTR 226 CR 8.0 TR 24 BLADE ANGLE							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.3165384E 01	-0.1492142E 01	0.2105921E 01	306.533	306.533	1.000000	1	9.917
0.1253618E 01	0.4627745E 01	0.7790769E 01	118.787	59.394	0.034994	2	11.034
-0.3751855E 01	-0.1385217E 01	0.3544402E 01	203.005	67.668	0.014831	3	17.751
-0.3262509E 01	0.0650500E 01	0.1040640E 00	123.773	30.943	0.049416	4	23.649
0.5784791E 01	-0.1395005E 01	0.1448198E 01	285.577	57.115	0.004877	5	29.500
0.3889235E 02	0.2910197E 01	0.2941319E 01	97.032	16.170	0.013967	6	35.503
-0.3608677E 02	0.4341282E 02	0.2045273E 01	167.745	23.964	0.009712	7	41.420
-0.1998648E 01	0.2135626E 01	0.3993211E 01	32.351	4.041	0.013962	8	47.337
0.3374142E 01	0.8423775E 02	0.1041004E 01	125.982	13.990	0.004943	9	53.254
-0.6116282E 02	0.1030477E 01	0.1673454E 01	39.108	3.911	0.007757	10	59.172
0.1284533E 01							

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 40

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 2 FL. BEND 6							
AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.2710036E 05		0.3210510E 04	77.550	77.550	C.376763	1	5.988
0.6921643E 03	0.3135017E 04	0.0521312E 04	267.320	133.66C	1.000000	2	11.976
-0.3983740E 03	-0.0512000E 04	0.2306441E 04	293.940	97.780	0.280056	3	17.964
0.4654687E 03	-0.2191161E 04	0.1272446E 03	89.987	22.497	0.014933	4	23.952
0.2983941E-01	0.1272446E 01	0.2219554E 04	279.189	45.83F	0.262818	5	29.940
-0.1463706E 04	-0.1699042E 04	0.6137136E 03	286.138	47.695	0.072021	6	35.928
0.1705820E 03	-0.589530E 03	0.2696345E 03	309.418	44.2C3	0.031642	7	41.916
0.1712112E 03	-C.2083019E 03	0.1648947E 03	143.441	17.930	0.019257	8	47.904
-0.1318079E 03	0.9774300E 02	0.1017061E 03	275.283	30.527	C.011935	9	53.892
0.9384640E C1	-0.1012741E 03	0.1712932E 03	237.645	23.765	0.070102	10	59.880
-0.9166850E 02	-0.1447005E 03						

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 4 FL. BEND 45							
AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5790034E 03		0.1031655E 04	18.715	18.715	0.984170	1	5.988
0.9771074E C3	0.3310188E 03	0.3246411E 03	264.147	132.C77	0.284524	2	11.976
-0.3312282E 02	-0.3229473E 03	0.1092114E 03	216.468	72.156	0.16583C	3	17.964
-0.1521621E 03	-0.1124617E 03	0.2505322E 03	357.324	89.331	0.226365	4	23.952
0.2502505E 03	-0.1207094E 02	0.1148996E 04	42.791	8.558	1.000000	5	29.940
0.0373059E 03	0.7751874E 03	0.3058437E 03	181.908	16.983	0.267349	6	35.928
-0.6290888E 02	0.7984887E 03	0.3678416E 03	178.386	29.472	0.322366	7	41.916
-0.3676812E 03	0.1087211E 02	0.3685594E 03	379.151	41.144	0.323012	8	47.904
0.3164138E 03	-0.1889857E 03	0.2185630E 03	13.432	1.492	0.191555	9	53.892
0.2125442E C3	0.5877174E 02	0.1967830E 03	69.759	6.976	0.172468	10	59.880
0.6888275E 02	0.1846323E 03						

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 6 FL. BEND 73							
AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.4191211E 03		0.1291995E 04	323.928	323.928	1.000000	1	5.988
0.1043969E 04	-0.16112E 03	0.9478232E 03	99.152	49.551	0.735539	2	11.976
-0.1499476E 03	0.9358879E 03	0.1314219E 03	124.399	41.466	0.117236	3	17.964
-0.8554550E 02	0.1249422E 03	0.1641864E 03	343.286	85.821	0.127119	4	23.952
0.1572499E 03	-0.4721903E 02	0.6781411E 03	43.783	8.741	0.525842	5	29.940
0.4982500E 03	0.4385410E 03	0.6202312E 02	121.885	28.181	0.040621	6	35.928
-0.3202341E 02	0.3311656E 02	0.2425122E 02	351.963	58.280	0.018774	7	41.916
0.2401383E 02	-0.3398649E 01	0.2302368E 02	121.177	15.147	0.017826	8	47.904
-0.1191894E 02	0.1969866E 02	0.7843544E 02	200.344	22.260	0.054334	9	53.892
-9.6604166E 02	-0.2448787E 02	0.7839055E 02	259.858	23.986	0.080693	10	59.880
-0.4038591E 02	-0.6723400E 02						

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 7 FL. BEND 115							
AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.4735269E C3		0.1783310E 04	312.962	312.962	1.000000	1	5.988
0.1215485E 04	-0.1385194E 04	0.1125401E 04	92.579	46.289	0.631C88	2	11.976
-0.5062956E 02	0.1124202E 04	0.3983866E 03	75.749	25.250	0.335464	3	17.964
0.1472846E 03	0.5790950E 03	0.0436140E 02	273.395	68.349	0.047381	4	23.952
0.4995815E 01	-0.0421342E 02	0.1986496E 03	217.474	43.495	0.111381	5	29.940
-0.1576549E 03	-0.1288576E 03	0.3336777E 02	296.049	49.341	0.018789	6	35.928
0.1665297E 02	-0.2997830E 02	0.1731654E 03	14.557	2.088	C.897892	7	41.916
0.1678862E 03	0.4352479E 02	0.1963112E 03	133.544	16.666	0.118878	8	47.904
-0.1352912E 03	0.1422476E 03	0.1204791E 03	129.582	14.389	0.067551	9	53.892
-0.7663678E 02	0.9296251E 02	0.1501830E 02	145.952	14.595	0.0C8421	10	59.880
-0.1244381E 02	0.8488522E 01						

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 40

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 10 FL. BEND 140

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.0426833E 03							
0.8769021E 03	-0.1734917E 04	0.1914588E 04	305.378	305.378	1.000000	1	5.988
-0.7508897E 02	0.7700076E 03	0.7338591E 03	95.873	47.936	0.484527	2	11.976
0.3900947E 03	0.7287236E 03	0.8265662E 03	61.839	20.611	0.345736	3	17.964
-0.4313220E 02	-0.6854327E 02	0.8094492E 02	237.819	59.455	0.053470	4	23.952
-0.6910928E 03	-0.5244895E 03	0.8675810E 03	217.196	43.439	0.572817	5	29.940
0.6794850E 02	-0.1464425E 03	7.1614385E 03	296.891	49.148	0.164569	6	35.928
-0.3872768E 02	0.2747142E 02	0.4748169E 02	144.650	20.664	0.031350	7	41.916
0.3120229E 02	-0.1413309E 02	0.3425385E 02	335.632	41.954	0.022616	8	47.904
0.6421468E 02	0.4413174E 02	0.7791747E 02	24.499	3.833	0.051445	9	53.892
0.2171872E 02	0.7113864E 02	0.1453143E 02	73.067	7.307	0.049235	10	59.880

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 11 FL. BEND 157

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.8512458E 03							
0.5342959E 03	-0.9800598E 03	0.1116239E 04	298.998	298.998	0.986767	1	5.988
-0.5307588E 02	0.3808857E 03	0.7845657E 03	97.933	48.967	0.339960	2	11.976
0.6124189E 03	0.7539365E 03	0.9713271E 03	50.913	16.971	0.058664	3	17.964
0.9526221E 02	0.5586128E 02	0.1104326E 03	30.387	7.597	0.097674	4	23.952
-0.8785000E 03	-0.7126505E 03	0.1131208E 04	219.049	43.810	1.000000	5	29.940
-0.5864196E 01	-0.2449368E 03	0.2447892E 03	268.815	44.803	0.216573	6	35.928
-0.2147144E 03	-0.1626681E 03	0.2693752E 03	217.148	31.821	0.238131	7	41.916
0.1147798E 03	-0.1936045E 03	0.2250713E 03	300.662	37.583	0.198965	8	47.904
0.7278210E 02	-0.1003684E 03	0.1239801E 03	305.948	33.994	0.109600	9	53.892
0.7688517E 02	0.2044871E 01	0.2616519E 02	4.482	0.448	0.023130	10	59.880

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 13 FL. BEND 172

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.6076440E 03							
0.1622555E 03	-0.5433301E 03	0.1470398E 03	286.627	286.627	0.542826	1	5.988
-0.8798389E 02	0.8922492E 01	0.4843513E 02	174.209	87.105	0.087778	2	11.976
0.7038735E 03	0.5081614E 03	0.8681392E 03	35.827	11.942	0.061687	3	17.964
0.1718581E 03	0.1166555E 03	0.2077106E 03	34.168	8.547	0.206167	4	23.952
-0.8117715E 03	-0.5973867E 03	0.1007488E 04	216.366	43.273	1.000000	5	29.940
-0.1258479E 03	-0.2937742E 03	0.3195947E 03	246.811	41.135	0.317219	6	35.928
-0.1962671E 02	-0.2606042E 03	0.3262441E 03	233.016	33.288	0.323870	7	41.916
0.2348891E 03	-0.2488812E 03	0.3422202E 03	313.343	39.160	0.339677	8	47.904
0.1104324E 0	-0.1757409E 03	0.2375577E 03	302.145	33.972	0.206055	9	53.892
0.7079174E 02	-0.1107064E 03	0.1171554E 03	280.418	28.042	0.111322	10	59.880

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 14 FL. BEND 185

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.3318503E 03							
-0.2662125E 02	-0.2502608E 03	0.2516728E 03	243.928	243.928	0.340983	1	5.988
-0.1090352E 03	-0.1595062E 03	0.1932120E 03	235.644	117.822	0.261715	2	11.976
0.6071528E 03	0.3192839E 03	0.6859858E 03	27.739	9.246	0.029282	3	17.964
0.2323373E 03	-0.1286376E 03	0.2455889E 03	28.970	7.242	0.359753	4	23.952
-0.6298003E 03	-0.3851863E 03	0.7382524E 03	211.450	42.290	1.000000	5	29.940
-0.1482397E 03	-0.2455444E 03	0.2868394E 03	238.882	39.814	0.388538	6	35.928
-0.1793116E 03	-0.2115020E 03	0.2772825E 03	224.709	32.816	0.375593	7	41.916
0.2187621E 03	-0.2390944E 03	0.3240320E 03	312.449	39.056	0.438518	8	47.904
0.35406E 02	-0.1679294E 03	0.1712292E 03	281.267	31.252	0.231939	9	53.892
-0.1329189E 01	-0.1258492E 03	0.1258562E 03	269.395	26.939	0.178478	10	59.880

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 40

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 1 CM. BEND 6							
AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.93321027 04							
0.4189031E 04	0.398335CE 05	0.4005316E 05	83.997	83.997	1.000000	1	9.988
-0.2407777E 04	0.2114580E 04	0.3204487E 04	138.709	69.355	0.080006	2	11.976
-0.1484528E 04	-0.4687576E 03	0.1556777E 04	197.524	65.861	0.038868	3	17.964
-0.5486514E 03	0.1249548E 02	0.5487935E 03	178.695	44.674	0.014702	4	23.952
-0.2112450E 03	-0.5375469E 03	0.5775906E 03	248.545	49.709	0.014421	5	29.940
-0.8415141E 02	0.3247146E 03	0.3354414E 03	104.529	17.421	0.008375	6	35.928
-0.4795183E 03	0.1542945E 03	0.5037305E 03	162.163	23.166	0.012577	7	41.916
-0.1276085E 04	-0.6515999E 03	0.1397314E 04	207.796	25.974	0.034886	8	47.904
0.2187847E 03	0.1112323E 04	0.1133538E 04	78.897	8.768	0.024301	9	53.892
0.1296401E 03	0.2853503E 03	0.3134187E 03	65.567	6.557	0.007825	10	59.880

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 5 CM. BEND 45							
AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1304183E 05							
0.1775114E 04	0.2465544E 05	0.2471925E 05	85.882	85.882	1.000000	1	9.988
-0.1359565E 04	0.1908234E 04	0.2343027E 04	125.489	62.734	0.094785	2	11.976
-0.4716943E 03	-0.3169968E 03	0.5483194E 03	213.903	71.301	0.022991	3	17.964
0.1230719E 04	-0.9124174E 02	0.1274896E 04	355.760	88.940	0.049924	4	23.952
-0.7100132E 03	0.1123797E 03	0.7188516E 03	171.006	34.201	0.029081	5	29.940
0.7159211E 03	0.2896274E 03	0.7722849E 03	22.026	3.671	0.031242	6	35.928
0.2608403E 03	0.3441753E 03	0.4373445E 03	51.903	7.415	0.017692	7	41.916
0.3390911E 03	0.2608423E 03	0.4278220E 03	37.571	4.496	0.017307	8	47.904
-0.2307140E 02	-0.2494430E 03	0.2505246E 03	264.716	29.413	0.010135	9	53.892
0.2573677E 01	-0.4052202E 02	0.4860365E 02	273.634	27.363	0.001643	10	59.880

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 8 CM. BEND 115							
AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1048746E 05							
0.2691326E 03	0.1039948E 05	0.1640294E 05	88.517	88.517	1.000000	1	9.988
-0.5767119E 03	0.4715229E 03	0.7449345E 03	140.730	78.345	0.071800	2	11.976
-0.3221983E 02	-0.4716375E 03	0.4727366E 03	264.892	88.697	0.045442	3	17.964
0.1268544E 04	-0.1309558E 03	0.1272555E 04	355.450	88.862	0.122326	4	23.952
-0.1341999E 03	0.5065229E 03	0.5239990E 03	184.839	70.968	0.050370	5	29.940
0.5015859E 03	0.2857490E 03	0.5772700E 03	29.670	4.945	0.055491	6	35.928
0.6502678E 03	0.9500781E 02	0.6571716E 03	8.312	1.187	0.063172	7	41.916
0.1244490E 04	0.1086270E 03	0.1292187E 04	13.928	1.741	0.123252	8	47.904
-0.5397920E 03	-0.1033044E 04	0.1165571E 04	242.412	26.935	0.112842	9	53.892
-0.1379457E 03	-0.2337586E 03	0.2689192E 03	240.372	24.037	0.025850	10	59.880

HARMONIC ANALYSIS MODEL RM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 12 CM. BEND 157							
AJ	PJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.7025688E 04							
-0.6174034E 02	0.3950335E 04	0.3990817E 04	90.895	90.895	1.000000	1	9.988
-0.3181743E 03	0.1292820E 03	0.3434551E 03	157.888	78.944	0.084933	2	11.976
0.2781048E 02	-0.2551241E 03	0.2566362E 03	276.223	92.074	0.044958	3	17.964
0.5800278E 03	-0.8546544E 02	0.5866703E 03	351.618	87.904	0.148397	4	23.952
0.4245551E 02	0.3051057E 01	0.3114374E 03	78.431	15.386	0.078827	5	29.940
0.1809003E 03	0.1732365E 03	0.2501824E 03	43.824	7.304	0.063324	6	35.928
0.4424640E 03	-0.1209240E 03	0.4589045E 03	54.722	49.246	0.116154	7	41.916
0.7596521E 03	0.4154012E 01	0.7596635E 03	0.313	0.039	0.142280	8	47.904
-0.5185442E 03	-0.5755332E 03	0.7746782E 03	227.982	25.331	0.196880	9	53.892
-0.7784488E 02	-0.1700140E 03	0.1869882E 03	245.398	24.540	0.047329	10	59.880

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 41

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 9 TORSION 115						
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
-0.1927072E 03						1 5.988
0.1648722E 03	-0.1634806E 03	0.2321520E 03	315.235	315.235	0.732853	2 11.976
-0.1011223E 03	0.1311703E 03	0.1656242E 03	127.630	127.630	0.522839	3 17.964
-0.3698302E 02	-0.1141753E 03	0.1285116E 03	242.678	242.678	0.405683	4 23.952
0.5547748E 02	0.7549488E 02	0.9284816E 02	53.762	53.762	0.296258	5 29.940
-0.2470886E 03	-0.1982574E 03	0.3167786E 03	218.745	218.745	1.000000	6 35.928
0.8721222E 02	0.2574047E 02	0.9093724E 02	16.456	16.456	0.287069	7 41.916
0.6712414E 02	0.3074696E 01	0.6719403E 02	2.576	2.576	0.212117	8 47.904
-0.1823257E 02	0.8035323E 01	0.1444694E 02	156.059	156.059	0.062974	9 53.892
-0.1039430E 02	-0.1648536E 02	0.1965825E 02	238.079	238.079	0.067057	10 59.880
0.1361075E 02	0.3500294E 01	0.1405333E 02	14.427	14.427	0.044364	

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 15 TORSION 185						
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
-0.1472234E 02						1 5.988
0.9930354E 02	0.4449936E 01	0.5965202E 02	6.203	6.203	0.459298	2 11.976
-0.0422932E 02	-0.3092367E 01	0.0628333E 02	182.027	182.027	0.444340	3 17.964
0.1377194E 02	-0.4069004E 02	0.6223350E 02	282.785	282.785	0.479169	4 23.952
0.3449789E 02	0.3329805E 02	0.5165604E 02	40.126	40.126	0.397727	5 29.940
-0.1128074E 03	-0.6574712E 02	0.1298782E 03	218.412	218.412	1.000000	6 35.928
0.1657448E 02	0.3743180E 01	0.1121745E 02	19.493	19.493	0.084969	7 41.916
0.3848445E 02	-0.2578642E 02	0.4631372E 02	126.197	126.197	0.356593	8 47.904
0.5738724E 00	-0.8009894E 01	0.8029626E 01	276.090	276.090	0.061824	9 53.892
-0.3445130E 01	-0.7358635E 01	0.8125175E 01	244.912	244.912	0.062560	10 59.880
-0.1802447E 02	0.1821430E 01	0.1019860E 02	159.702	159.702	0.078447	

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 29 PITCH LINE						
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
0.1005248E 03						1 5.988
-0.3022570E 02	0.1466934E 03	0.1550554E 03	108.900	108.900	1.000000	2 11.976
0.2335981E 02	-0.2208565E 02	0.3214743E 02	318.000	318.000	0.207329	3 17.964
0.3499422E 02	0.3394442E 00	0.3499588E 02	0.512	0.512	0.238596	4 23.952
-0.1837335E 02	-0.1311626E 02	0.2374245E 02	219.445	219.445	0.153445	5 29.940
0.4462204E 01	0.2352386E 02	0.2591096E 02	80.087	80.087	0.167108	6 35.928
-0.6399464E 01	-0.3454565E 02	0.3513347E 02	259.504	259.504	0.226987	7 41.916
0.3946442E 01	-0.5064233E 01	0.7151687E 01	303.497	303.497	0.046123	8 47.904
0.3356215E 01	-0.3799137E 00	0.3377648E 01	353.542	353.542	0.021763	9 53.892
0.3867702E 01	-0.9980489E 00	0.3982556E 01	345.635	345.635	0.025749	10 59.880
-0.3121812E 00	-0.4993513E 01	0.5003260E 01	266.425	266.425	0.032268	

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 497 CTR 256 CR 25.0 TR 26 BLADE ANGLE						
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J FREQUENCY
0.3598403E 01						1 5.988
0.1206202E 01	-0.2433094E 01	0.2715671E 01	294.350	294.350	1.000000	2 11.976
-0.9948140E 01	0.1950356E 01	0.1013762E 00	168.905	168.905	0.037330	3 17.964
-0.3079928E 01	-0.7561125E 02	0.3171381E 01	193.793	193.793	0.011678	4 23.952
0.1252821E 01	0.2861524E 01	0.3123744E 01	66.355	66.355	0.011503	5 29.940
0.1734866E 01	0.1701143E 01	0.2479742E 01	44.438	44.438	0.009947	6 35.928
0.6389987E 02	-0.5135480E 02	0.8197866E 02	321.212	321.212	0.003819	7 41.916
-0.8822916E 02	0.1622624E 01	0.1848897E 01	118.444	118.444	0.004808	8 47.904
0.2733273E 01	0.1346720E 02	0.2738588E 01	2.821	2.821	0.910077	9 53.892
-0.1171247E 02	-0.2987226E 02	0.3208653E 02	248.590	248.590	0.001182	10 59.880
0.2014873E 01	0.0151501E 02	0.2173515E 01	22.627	22.627	0.008004	

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 46

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJPAR	J	FREQUENCY
-0.2199180E 05	0.1238199E 04	0.3394562E 04	150.630	150.600	0.429604	1	5.952
-0.3160326E 04	-0.3386215E 04	0.5391596E 04	267.441	133.721	1.000000	2	11.905
0.1404799E 04	-0.1403752E 04	0.2107574E 04	314.866	104.955	0.390901	3	17.857
-0.1787666E 03	0.1964705E 03	0.2641519E 03	132.591	33.148	0.048993	4	23.810
0.5125320E 03	-0.4624585E 03	0.6164033E 03	326.252	65.250	0.114327	5	29.762
-0.5657620E 02	0.6579752E 02	0.1027720E 03	123.402	20.567	0.019062	6	35.714
0.7620070E 02	-0.8530164E 02	0.1143002E 03	311.774	44.539	0.021215	7	41.667
-0.6251640E 02	-0.5867704E 02	0.1012520E 03	215.416	26.927	0.018780	8	47.619
0.5299826E 02	-0.1070070E 03	0.1194124E 03	296.348	32.928	0.022140	9	53.571
0.6153645E 02	0.2848470E 02	0.8636877E 02	19.257	1.926	0.016019	10	59.524

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJPAR	J	FREQUENCY
0.3330098E 03	0.1741503E 03	0.2274698E 03	128.482	128.482	1.000000	1	5.952
-0.1386360E 03	-0.7063344E 02	0.2059052E 03	200.162	150.081	0.923744	2	11.905
-0.1912609E 03	-0.7315109E 02	0.2047722E 03	200.930	64.977	0.920469	3	17.857
0.1659374E 03	0.8350451E 01	0.3661463E 03	2.874	0.719	0.746026	4	23.810
-0.4977039E 02	0.1377960E 03	0.1465008E 03	109.859	21.972	0.650556	5	29.762
0.6763275E 02	0.1457176E 02	0.6918469E 02	12.159	2.026	0.318005	6	35.714
-0.1586775E 03	-0.1598107E 02	0.1594802E 03	185.751	26.536	0.716862	7	41.667
0.6990529E 02	0.2984506E 02	0.7608327E 02	23.096	2.887	0.341994	8	47.619
0.3408534E 02	0.4586397E 02	0.3408942E 02	0.771	0.086	0.153227	9	53.571
-0.2475656E 02	0.8799806E 00	0.2477219E 02	177.964	17.796	0.111351	10	59.524

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJPAR	J	FREQUENCY
0.7134814E 03	0.7525906E 03	0.9887534E 03	319.566	319.566	1.000000	1	5.952
-0.1876989E 03	0.4699802E 03	0.6918250E 03	105.740	52.870	0.699795	2	11.905
-0.1617840E 03	0.1451719E 03	0.2173093E 03	138.084	46.028	0.219781	3	17.857
0.4834456E 02	0.2100306E 02	0.5271013E 02	23.483	5.871	0.053310	4	23.810
-0.4700787E 02	0.6326221E 02	0.7881525E 02	126.615	25.323	0.079712	5	29.762
0.1722903E 02	0.1674650E 02	0.2402681E 02	44.186	7.364	0.024300	6	35.714
0.1248751E 02	0.1469793E 02	0.1928644E 02	49.648	7.093	0.019506	7	41.667
0.6260989E 01	-0.3272557E 01	0.7053347E 01	332.722	41.550	0.007134	8	47.619
0.8098040E 01	-0.1506696E 02	0.1709821E 02	298.212	33.125	0.017293	9	53.571
0.1709970E 02	0.5462172E 01	0.1767187E 02	14.626	1.463	0.017873	10	59.524

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJPAR	J	FREQUENCY
-0.4835825E 03	-0.1098810E 04	0.1566266E 04	315.448	315.448	1.000000	1	5.952
0.1116149E 04	0.7750187E 03	0.7808049E 03	96.980	48.490	0.498514	2	11.905
-0.9488449E 02	0.4266870E 03	0.4267444E 03	89.059	29.686	0.272460	3	17.857
0.7011637E 01	-0.1500669E 02	0.2146347E 02	224.361	56.050	0.013704	4	23.810
-0.1534540E 02	-0.3979383E 01	0.3580327E 02	186.381	37.274	0.022859	5	29.762
-0.6239127E 02	0.6002061E 00	0.6239419E 02	179.449	29.908	0.039836	6	35.714
0.4086432E 02	-0.1993509E 02	0.4546756E 02	333.995	47.714	0.029029	7	41.667
-0.3383546E 02	-0.1985974E 02	0.7923325E 02	210.411	26.301	0.025045	8	47.619
-0.2055963E 02	0.3303658E 01	0.7082135E 02	170.971	18.986	0.013295	9	53.571
-0.1576292E 02	-0.1787474E 02	0.2383223E 02	228.592	22.859	0.015216	10	59.524

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 46

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 10 FL. BEND 140

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1068807E 04							
0.8884987E 03	-0.1162186E 04	0.1462909E 04	307.398	307.398	1.000000	1	5.952
0.2715104E 02	0.5416094E 03	0.5422893E 03	87.130	43.565	0.370492	2	11.905
0.2015547E 03	0.5960405E 03	0.6291965E 03	71.317	23.772	0.430099	3	17.857
-0.2889957E 02	0.7259634E 02	0.7813708E 02	111.707	27.927	0.053412	4	23.810
-0.3414595E 02	-0.5137869E 02	0.6168881E 02	236.391	47.278	0.042169	5	29.762
-0.2380409E 01	-0.1280157E 02	0.1302100E 02	259.466	43.244	0.008901	6	35.714
-0.4015692E 02	-0.4347395E 02	0.5918245E 02	227.271	32.467	0.040455	7	41.667
0.2114284E 02	-0.2161305E 02	0.3023480E 02	314.370	39.296	0.020668	8	47.619
-0.2817264E 01	0.8381374E 01	0.8842194E 01	108.579	12.064	0.006044	9	53.571
-0.4107266E 02	-0.1971176E 02	0.4534373E 02	205.068	20.507	0.030998	10	59.524

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 11 FL. BEND 157

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1181424E 04							
0.5669204E 03	-0.9108245E 03	0.1083548E 04	302.797	302.797	1.000000	1	5.952
0.5379237E 02	0.2997090E 03	0.3044978E 03	79.825	39.912	0.281019	2	11.905
0.3916167E 03	0.6331897E 03	0.7445078E 03	58.264	19.421	0.687102	3	17.857
-0.5688530E 02	0.2012426E 03	0.2091280E 03	105.784	26.446	0.193003	4	23.810
-0.6491357E 02	-0.6082681E 02	0.8895880E 02	223.138	44.628	0.082100	5	29.762
0.3748874E 02	-0.5788113E 01	0.3793243E 02	351.223	58.337	0.035808	6	35.714
-0.5258699E 02	0.4981595E 02	0.7188847E 02	177.013	19.573	0.066345	7	41.667
0.4449618E 02	0.8272699E 02	0.9393443E 02	61.725	7.716	0.086491	8	47.619
-0.4977047E 01	0.2724391E 02	0.2769479E 02	180.353	11.150	0.025559	9	53.571
-0.1696881E 02	0.2548627E 02	0.3060738E 02	123.625	12.362	0.028247	10	59.524

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 13 FL. BEND 172

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.8124407E 03							
0.2549307E 03	-0.6189636E 03	0.6694067E 03	292.385	292.385	0.914432	1	5.952
0.4629559E 02	0.7011507E 02	0.8402243E 02	56.562	28.281	0.114777	2	11.905
0.4910059E 03	0.5429600E 03	0.7320444E 03	47.877	15.959	1.000000	3	17.857
-0.3369579E 02	0.1031348E 03	0.3050015E 03	96.343	24.086	0.418642	4	23.810
-0.8276979E 02	-0.4005200E 02	0.9195105E 02	205.822	41.164	0.125408	5	29.762
0.3234143E 02	-0.7358911E 02	0.4003015E 02	323.894	53.982	0.054683	6	35.714
-0.8823448E 02	0.1007883E 03	0.1339538E 03	131.200	18.743	0.182985	7	41.667
0.3610434E 02	0.1238980E 03	0.1290513E 03	73.754	9.219	0.176288	8	47.619
-0.7709133E 01	0.6127571E 02	0.6175874E 02	97.171	10.757	0.084364	9	53.571
0.1553579E 02	0.4200554E 02	0.4478644E 02	69.703	6.970	0.061180	10	59.524

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 14 FL. BEND 185

AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5938032E 03							
0.7107429E 03	-0.2650398E 03	0.2691335E 03	271.513	271.513	0.423276	1	5.952
0.1464644E 02	-0.4579385E 02	0.4872357E 02	289.970	144.985	0.076425	2	11.905
0.5167449E 03	0.3704866E 03	0.6358345E 03	35.639	11.880	1.000000	3	17.857
0.7989326E 03	0.2932871E 03	0.2933958E 03	88.440	22.110	0.461434	4	23.810
-0.1089277E 01	0.3576273E 01	0.1089864E 03	178.120	35.624	0.171407	5	29.762
0.3819919E 01	-0.2603915E 02	0.2631784E 02	278.346	46.391	0.041391	6	35.714
-0.4190141E 02	0.8291016E 02	0.9289691E 02	116.811	16.687	0.146102	7	41.667
0.3905146E 02	0.1708939E 03	0.1807711E 03	70.933	8.867	0.284305	8	47.619
-0.1599854E 02	0.7001245E 02	0.7180615E 02	102.874	11.430	0.112932	9	53.571
-0.1617118E 02	0.3289074E 02	0.3581377E 02	113.309	11.331	0.056326	10	59.524

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 46

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 1 CH. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.0746633E C4	0.3282928E 05	0.3378673E 05	76.327	76.327	1.000000	1	5.952
0.7986307E 04	0.1824292E 04	0.4200000E 04	154.256	77.123	0.124306	2	11.905
-0.1781118E 04	-0.1574664E 04	0.1705392E 04	247.420	42.473	0.050475	3	17.857
-0.6548252E 03	-0.1632766E 03	0.2282725E 03	133.819	33.455	0.006698	4	23.810
-0.1566814E 03	0.1164868E 03	0.4699714E 03	14.351	2.870	0.013910	5	29.762
0.4553066E C3	-0.3710774E 02	0.4009288E 02	292.250	48.708	0.001187	6	35.714
0.1518077E 02	-0.4097264E 02	0.8439307E 02	208.310	29.759	0.002551	7	41.667
-0.7406152E 02	0.1151270E 02	0.1578643E 03	26.936	3.367	0.004672	8	47.619
-0.1407401E J3	0.1898855E 02	0.2635044E 02	134.208	14.912	0.000780	9	53.571
-0.1837376E C2	-0.9241676E 02	0.1308775E 03	224.921	22.462	0.003874	10	59.524
-0.9267187E 02							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 5 CH. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1497309E C5	0.2035739E 05	0.2081978E 05	77.902	77.902	1.000000	1	5.952
0.4363539E 04	0.1264867E 04	0.2192243E 04	144.698	72.349	0.105294	2	11.905
-0.1789128E 04	-0.5254790E 03	0.5254919E 03	248.368	89.454	0.025250	3	17.857
-0.1496745E 01	-0.2995352E 03	0.3455415E 03	60.095	15.824	0.016597	4	23.810
0.1722725E C3	-0.2541967E 03	0.2763540E 03	293.100	58.620	0.013274	5	29.762
0.1084237E 03	0.1858029E 03	0.2572590E 03	133.755	22.292	0.012355	6	35.714
-0.1778973E 03	0.1259483E 02	0.2972590E 03	3.484	0.498	0.009555	7	41.667
0.2066760E 03	-0.8557725E 01	0.1150291E 03	184.267	23.031	0.005525	8	47.619
-0.1147104E C3	-0.3499641E 02	0.1497624E 03	346.486	38.498	0.007193	9	53.571
0.1456161E 03	-0.7177094E 02	0.7783310E 02	247.237	74.724	0.003738	10	59.524
-0.3011523E 02							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 8 CH. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.9472293E 04	0.8167219E 04	0.8232148E 04	82.799	82.799	1.000000	1	5.952
0.1031912E 04	0.4488955E 03	0.5750320E 03	128.600	64.340	0.069852	2	11.905
-0.3993811E 03	-0.1910325E 03	0.2421683E 03	232.077	77.359	0.029617	3	17.857
-0.1488346E C3	0.2416899E 03	0.6431511E 03	22.073	5.518	0.078127	4	23.810
0.5968127E 03	-0.1709849E 03	0.1935411E 03	242.052	48.410	0.023513	5	29.762
-0.9071799E 02	0.2278389E 03	0.2342273E 03	103.622	17.270	0.028453	6	35.714
-0.5516296E 02	-0.8883170E 02	0.3919702E 03	346.901	49.557	0.047615	7	41.667
0.5817717E C3	0.2596147E 02	0.2319798E 03	173.574	21.657	0.028180	8	47.619
-0.2305226E 01	-0.7773361E 02	0.9301164E 02	340.705	37.856	0.011299	9	53.571
0.8778732E 02	-0.1114439E 01	0.8201199E 02	181.491	18.159	0.009967	10	59.524
-0.8198425E 02							

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 503 CTR 163 CR 56.0 TR 12 CH. BEND 157							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.5511262E 04	0.2967934E 04	0.2979556E 04	84.938	84.938	1.000000	1	5.952
0.2629080E 03	0.9525060E 02	0.2548754E 03	158.055	79.028	0.085541	2	11.905
-0.2364081E C3	-0.1592110E 03	0.1645974E 03	255.302	85.101	0.055242	3	17.857
-0.4176312E 02	0.1194201E 03	0.2965960E 03	23.763	5.936	0.099544	4	23.810
0.2714934E 03	-0.1181904E 03	0.1560860E 03	229.210	45.844	0.052386	5	29.762
-0.1019503E 02	0.1023696E 03	0.1271431E 03	126.375	21.067	0.042672	6	35.714
-0.7540445E 02	-0.8548831E 02	0.1358227E 03	320.993	45.856	0.045585	7	41.667
0.1055441E 03	-0.4982094E 02	0.6988019E 02	225.475	28.184	0.023453	8	47.619
-0.4980127E 02	0.9500916E 01	0.2467363E 02	157.352	17.484	0.008201	9	53.571
-0.2277104E 02	-0.4538464E 02	0.4569191E 02	276.648	27.665	0.015335	10	59.524
0.5290174E 01							

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 46

HARMONIC ANALYSIS MODEL RM-S1A SHIP 1002C T 503 CTR 163 CR 56.0 TR 9 TORSION 115							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.4677007E 02						1	9.952
0.1143904E 03	0.1141923E 02	0.1149592E 03	9.701	9.701	0.416858	2	11.905
-0.5143365E 02	0.1267048E 03	0.1367463E 03	112.094	96.047	0.733756	3	17.857
-0.1855416E 01	-0.1747493E 02	0.1863647E 03	185.304	41.753	1.000000	4	23.810
0.7226801E 02	0.3038506E 02	0.7839587E 02	22.804	5.761	0.420058	5	29.762
0.2924194E 02	-0.4282339E 02	0.8783394E 02	289.444	57.889	0.471301	6	35.714
0.3138478E 02	0.097491E 02	0.3325023E 02	19.273	3.212	0.178415	7	41.667
0.1601093F 02	-0.4959059E 01	0.1745789E 02	336.508	48.073	0.893676	8	47.619
0.1263038E 02	0.1862257E 02	0.2250085E 02	55.852	6.982	0.126736	9	53.571
0.2721408E 02	0.4516402E 00	0.2721782E 02	0.751	0.106	0.146846	10	59.574
0.1403258E 02	0.4789069E 01	0.1482729E 02	18.844	1.884	0.079561		

HARMONIC ANALYSIS MODEL RM-S1A SHIP 1002C T 503 CTR 163 CR 56.0 TR 15 TORSION 185							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.1453257F 03						1	9.952
0.6749597E 02	0.1033736E 03	0.1234427E 03	56.860	56.860	1.000000	2	11.905
-0.4193040E 02	0.3539539E 02	0.5487250E 02	139.831	69.915	0.444444	3	17.857
-0.5643047E 02	0.5489448E 01	0.5649682E 02	174.444	96.148	0.499222	4	23.810
0.1349396E 02	0.8389004E 01	0.1588987E 02	31.869	7.967	0.126695	5	29.762
0.2399072E 02	-0.3594051E 02	0.4321196E 02	363.724	69.745	0.350000	6	35.714
0.1597908E 02	-0.4203267E 00	0.1608554E 02	356.784	59.451	0.129639	7	41.667
0.1675005E 01	-0.1093334E 01	0.2080255E 01	324.384	46.695	0.016201	8	47.619
0.9922064E 00	0.1357008E 02	136C720E 02	85.810	18.727	0.118213	9	53.571
0.1605943E 02	-0.8193110E 00	1608009E 02	357.094	39.677	0.138242	10	59.574
0.9776014E 01	0.1367553E 01	0.9871202E 01	7.963	0.796	0.079993		

HARMONIC ANALYSIS MODEL RM-S1A SHIP 1002C T 503 CTR 163 CR 56.0 TR 29 PITCH LINK							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.4926935E 02						1	9.952
0.6980886E 01	0.6825548E 02	0.6861150E 02	84.160	84.160	1.000000	2	11.905
0.140150E 02	-0.1049361E 02	0.2172562E 02	301.454	150.827	0.316447	3	17.857
0.6067691E 02	0.5475453E 01	0.6092345E 02	5.136	1.719	0.887948	4	23.810
-0.2090506E 02	-0.2144418E 02	0.2994785E 02	225.729	96.432	0.436484	5	29.762
-0.8224189E 01	0.1568176E 02	0.1770747E 02	117.674	23.535	0.258883	6	35.714
-0.7765619E 01	-0.3234138E 01	0.8393701E 01	202.863	55.777	0.122337	7	41.667
0.1869338E 01	-0.6564183E 00	0.1981238E 01	340.651	48.664	0.028876	8	47.619
-0.1378008E 00	0.2991317E 01	0.2994489E 01	92.638	11.580	0.043644	9	53.571
0.1968251E 01	0.5088615E 01	0.5456006E 01	68.854	7.650	0.079526	10	59.574
0.3091121E 01	0.3201180E 01	0.4498008E 01	46.002	4.600	0.064858		

HARMONIC ANALYSIS MODEL RM-S1A SHIP 1007C T 503 CTR 163 CR 56.0 TR 34 BLADE ANGLE							
AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
0.3595675E 01						1	9.952
0.1033742E 01	-0.1888657E 01	0.2153054E 01	298.894	258.654	1.000000	2	11.905
-0.2283912F-01	0.5528487E-01	0.5981674E-01	112.444	56.223	0.027782	3	17.857
-0.8566338E-01	0.2822163E-01	0.9019238E-01	161.766	53.922	0.041890	4	23.810
0.7036594E-01	0.7651108E-01	0.7039798E 00	47.410	11.857	0.048294	5	29.762
0.485175E-02	-0.4861116E-02	0.6480213E-02	311.397	62.279	0.003810	6	35.714
0.1492498E-01	0.7144409E-04	0.1892510E-01	0.216	0.036	0.008790	7	41.667
-0.6952178E-02	-0.1780987E-02	0.7176675E-02	194.349	27.767	0.063333	8	47.619
-0.8896654E-02	0.8954736E-03	0.6162062E-02	171.644	21.456	0.802862	9	53.571
0.1928011E-03	0.5905290E-02	0.5908374E-02	88.130	9.762	0.002764	10	59.574
-0.2299502E-01	-0.1877957E-01	0.29688910E-01	219.238	21.924	0.013789		

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 50

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 494 CTR 256 CR 10.0 TR 2 FL. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.273709E 05							
-0.3471913E 04	C.3650797E 04	0.5038098E 04	133.561	133.561	C.673124	1	5.917
0.1180020E 04	-0.7391043E 04	0.7484445E 04	279.071	139.534	1.000000	2	11.834
0.1591121E 04	-0.9265840E 03	0.1841256E 04	329.786	109.929	0.246004	3	17.751
-0.5881082E 03	-0.1112775E 03	0.4037456E 03	195.999	49.000	0.053943	4	23.669
0.7570627E 02	-0.1412173E 04	0.1414200E 04	275.069	54.614	C.188947	5	29.586
0.7482497E 02	-0.2198834E 03	0.2335453E 03	289.722	48.287	C.031204	6	35.503
0.2835549E 03	0.1179776E 03	C.3071189E 03	22.591	3.227	0.041033	7	41.420
-0.3995869E 03	0.9297363E 02	0.4102605E 03	166.902	20.863	0.054814	8	47.337
-0.6513311E 02	-0.9160314E 02	0.1045346E 03	231.319	25.702	C.C13967	9	53.254
0.2987619E 02	-0.6992307E 02	C.7603827E 02	293.134	29.314	C.010159	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 494 CTR 256 CR 10.0 TR 4 FL. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1217843E 04							
-C.1033548E 03	0.5239492E 03	0.5340457E 03	101.159	101.159	C.662881	1	5.917
-0.6320453E 02	-0.1371217E 03	0.1509873E 03	245.253	122.627	0.187412	2	11.834
-0.5524429E 02	-0.1861504E 03	0.1894575E 03	259.279	86.426	0.235163	3	17.751
0.1461779E 03	0.2550211E 02	0.2939451E 03	60.179	15.045	0.364857	4	23.669
0.1730667E 03	0.7868352E 03	0.8056436E 03	77.595	15.519	1.000000	5	29.586
-0.1452997E 03	0.1920452E 03	0.2408179E 03	127.111	21.185	0.298914	6	35.503
-0.3889491E 03	-0.1601807E 03	0.3405693E 03	208.956	24.722	0.422724	7	41.420
0.4202596E 03	0.1404259E 03	0.4490959E 03	18.477	2.310	0.549990	8	47.337
0.8294656E 02	0.2143717E 03	0.2297336E 03	68.928	7.659	0.285155	9	53.254
-0.7850938E 02	0.1390308E 03	0.1596662E 03	119.453	11.945	0.198185	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 494 CTR 256 CR 10.0 TR 6 FL. BEND 73							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-C.9862209E 01							
0.9423790E 03	-0.7156250E 03	0.1183296E 04	322.787	322.787	1.000000	1	5.917
-0.2888519E 03	0.9313672E 03	0.9750715E 03	107.219	55.610	0.824030	2	11.834
-0.1795511E 03	0.2627266E 02	0.1812692E 03	171.666	57.227	0.133190	3	17.751
0.1542973E 03	0.9350768E 02	0.1804198E 03	31.217	7.804	0.152472	4	23.669
0.1888948E 03	0.9064707E 03	0.9405344E 03	69.550	13.910	C.456805	5	29.586
-0.8883873E 02	0.8284799E 02	0.1151954E 03	134.012	22.335	0.097351	6	35.503
-0.4495436E 01	0.3560428E 02	0.3588645E 02	97.196	13.885	0.030128	7	41.420
0.2635197E 02	-0.1949907E 02	0.3278169E 02	323.500	40.438	0.027704	8	47.337
0.4499352E 02	-0.2128432E 02	0.4977386E 02	334.683	37.187	0.047064	9	53.254
0.2551300E 02	-0.2174536E 02	0.3352272E 02	319.558	31.956	0.028330	10	59.172

HARMONIC ANALYSIS MODEL XM-51A SHIP 1002C T 494 CTR 256 CR 10.0 TR 7 FL. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.8056387E 03							
0.1253231E 04	-0.1122463E 04	0.1682412E 04	318.151	318.151	1.000000	1	5.917
-0.9818402E 02	0.1110052E 04	0.1114385E 04	95.055	47.527	0.662374	2	11.834
-0.8110036E 02	0.5860962E 03	0.5916804E 03	97.878	32.626	0.351606	3	17.751
-0.2768897E 02	-0.2388599E 02	0.3448827E 02	220.849	55.212	0.021688	4	23.669
-0.6278631E 02	-0.1025993E 03	0.1202392E 03	238.566	47.713	0.071468	5	29.586
0.2581620E 02	0.1815192E 02	0.3098796E 02	35.965	5.994	0.018371	6	35.503
0.1124250E 03	0.1528441E 03	0.1847773E 03	53.664	7.666	0.112777	7	41.420
-0.2242964E 03	0.1260345E 02	0.2244502E 03	176.784	22.098	C.133529	8	47.337
-0.1274798E 03	-0.1278731E 02	0.1281190E 03	185.726	20.636	0.078152	9	53.254
-0.3904983E 02	-0.1277339E 02	0.4099263E 02	197.715	19.771	0.024365	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 50

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 494 CTR 256 CR 1C.C TR 10 FL. BEND 140

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1000789E C4							
0.0254040E 03	-0.1092648E 04	0.1431999E 04	310.249	310.249	1.000000	1	5.917
-0.2888029E 02	0.7229387E 03	0.7235151E 03	92.288	48.144	0.505248	2	11.834
0.0264948E 02	0.7478032E 03	0.7535205E 03	82.937	27.646	0.526207	3	17.751
-0.1564778E C3	-0.6808430E 02	0.1706480E 03	203.514	50.879	0.119188	4	23.669
-0.3051594E 03	-0.6429972E 03	0.7117314E 03	244.611	48.922	0.497014	5	29.586
0.3696372E 02	-0.9221457E 02	0.9934877E 02	291.845	48.641	0.069378	6	35.503
-0.4386792E 02	-0.2750398E 02	0.5177281E 02	212.090	30.298	0.036154	7	41.420
0.3279118E C7	-0.3202032E 02	0.4547549E 02	315.241	39.405	0.031757	8	47.337
0.5055793E 01	0.4128201E 02	0.4159044E 02	83.018	9.224	0.029044	9	53.254
-0.3681908E 02	0.7815470E 02	0.8642944E 02	115.214	11.521	0.060356	10	59.172

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 494 CTR 256 CR 1C.C TR 11 FL. BEND 157

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.1136323E C4							
0.5616648E 03	-0.9605347E 03	0.1112697E 04	300.317	300.317	1.000000	1	5.917
-0.8240980E 01	0.3571821E 03	0.3572771E 03	91.322	45.641	0.321091	2	11.834
0.2828735E 03	0.7420241E 03	0.8128352E 03	49.634	23.211	0.730909	3	17.751
-0.1084965E C3	0.3486106E 01	0.1045524E 03	178.160	44.540	0.097558	4	23.669
-0.5037056E 03	-0.8089480E 03	0.9529512E 03	238.091	47.618	0.856434	5	29.586
0.7769948E 02	-0.3224756E 03	0.3317041E 03	283.547	47.258	0.298108	6	35.503
-0.1166982E 03	-0.1910547E 03	0.2238775E 03	238.583	34.083	0.201203	7	41.420
0.2741042E C3	-0.7178418E 02	0.2839479E 03	365.324	43.166	0.254650	8	47.337
0.1105935E 03	-0.5259644E 01	0.1107184E 03	357.277	19.697	0.099505	9	53.254
0.4803450E 02	0.2458249E 02	0.9395941E 02	27.102	2.710	0.048494	10	59.172

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 494 CTR 256 CR 1C.C TR 13 FL. BEND 172

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.6638528E 03							
0.2592341E 03	-0.5081326E 03	0.5704392E 03	297.029	297.029	0.698361	1	5.917
-0.9191175E 01	0.6427881E 02	0.6493256E 02	98.138	49.049	0.079494	2	11.834
0.4107446E C3	0.6376821E 03	0.7585178E 03	57.214	19.071	0.928416	3	17.751
-0.2794596E 02	0.9535925E 02	0.9937091E 02	106.336	26.584	0.121655	4	23.669
-0.4177043E 03	-0.7019451E 03	0.8168262E 03	239.244	47.849	1.000000	5	29.586
0.1412749E 02	-0.3523691E 03	0.3526521E 03	272.296	45.383	0.431735	6	35.503
-0.7899794E 01	-0.2486545E 03	0.2487800E 03	288.180	38.311	0.304549	7	41.420
0.4197612E 03	0.2531687E 02	0.4205259E 03	3.451	0.431	0.514825	8	47.337
0.1625123E 03	-0.1831619E 02	0.1635412E 03	353.569	39.285	0.200215	9	53.254
0.7868364E 02	-0.2210951E 02	0.8173090E 02	344.305	34.430	0.100059	10	59.172

HARMONIC ANALYSIS MODEL HM-51A SHIP 1002C T 494 CTR 256 CR 1C.C TR 14 FL. BEND 185

AJ	BJ	CJ	PHJC	PSJC	CJ/CJMAX	J	FREQUENCY
-0.2968508E 03							
-0.3339956E 02	-0.2983516E 03	0.3002139E 03	263.614	263.614	0.477749	1	5.917
0.1148739E 02	-0.1060977E 03	0.1067727E 03	276.446	138.223	0.169914	2	11.834
0.4520391E C3	0.4365059E 03	0.6283921E 03	43.998	14.686	1.000000	3	17.751
0.7466997E 02	0.9152365E 02	0.1181193E 03	50.791	12.658	0.187971	4	23.669
-0.3606377E 03	-0.4852446E 03	0.6345840E 03	233.380	46.676	0.962113	5	29.586
-0.1769208E 02	-0.3024558E 03	0.3029727E 03	266.652	44.442	0.482159	6	35.503
0.2407074E C4	-0.2726819E 03	0.2737419E 03	275.045	39.252	0.435623	7	41.420
0.4209480E 03	-0.1954897E 02	0.4214014E 03	357.341	44.668	0.678683	8	47.337
0.1667474E 02	-0.2814200E 02	0.1691055E 03	350.420	38.936	0.269188	9	53.254
0.7736656E 02	-0.6849760E 02	0.1033170E 03	318.472	31.847	0.164415	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 50

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 494 CTR 256 CR 1C.0 TR 1 CH. BEND 6							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.9072937E 04							
-0.3419011F 04	0.3728933E 05	0.3744582E 05	95.240	95.240	1.000000	1	5.917
-0.2138365E 04	-0.7678647E 03	0.2272052E 04	199.753	99.876	0.060676	2	11.834
-0.2782161F 03	-0.6582971E 03	0.7146741E 03	247.090	82.363	0.019086	3	17.751
-0.1763128E 03	0.4488498E 02	0.1799989E 03	165.560	41.350	0.004807	4	23.669
-0.3392271F 02	-0.6071172E 03	0.6080640E 03	266.802	53.360	0.016238	5	29.586
-0.5301597E 03	-0.1370978E 02	0.5303367E 03	358.519	59.753	0.014163	6	35.503
-0.1264561E 03	-0.8809191E 02	0.1541089E 03	714.859	30.664	0.004112	7	41.420
0.3732483F 03	-0.1277247E 04	0.1330667E 04	286.290	35.766	0.035536	8	47.337
-0.6256333F 01	0.5418232E 03	0.5418591E 03	89.338	9.926	0.014470	9	53.254
-0.3129065F 02	0.1533568E 03	0.1565185E 03	101.932	10.153	0.004180	10	59.172

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 494 CTR 256 CR 1C.0 TR 5 CH. BEND 45							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.1470833E 05							
-0.2453496E 04	0.2338465E 05	0.2351300E 05	95.990	95.990	1.000000	1	5.917
-0.1037645F 04	-0.2568706E 03	0.1068966E 04	193.904	96.952	0.045463	2	11.834
0.2444926E 03	0.2973193E 03	0.3849355E 03	50.565	16.856	0.016371	3	17.751
0.9613115E 03	0.4007637E 03	0.1041504E 04	22.631	5.658	0.004295	4	23.669
-0.7434927E 03	-0.4527227E 03	0.8704819E 03	211.338	42.268	0.037021	5	29.586
0.5281501F 03	0.6670762E 03	0.8508425E 03	51.630	8.605	0.036186	6	35.503
0.9038216E 02	0.4444785E 03	0.4731902E 03	78.988	11.284	0.020125	7	41.420
-0.5834428E 03	0.1940585E 03	0.2026395E 03	106.734	13.342	0.008618	8	47.337
0.1845777E 02	-0.1210076F 03	0.2207074E 03	326.731	36.306	0.009367	9	53.254
0.1714928F 03	-0.5839897E 02	0.1811635E 03	341.195	34.115	0.007705	10	59.172

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 494 CTR 256 CR 1C.0 TR 8 CH. BEND 115							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1016432E 05							
-0.1367365F 04	0.1006474E 05	0.1015720E 05	97.737	97.737	1.000000	1	5.917
-0.3525308F 03	-0.3266714E 03	0.4806182E 03	222.820	111.410	0.047310	2	11.834
0.2418657E 03	-0.1525815E 03	0.2859719E 03	327.754	109.251	0.028155	3	17.751
0.1007519E 04	0.3036851E 03	0.1052292E 04	16.774	4.193	0.103601	4	23.669
-0.4863267E 03	0.7899290F 03	0.5661909E 03	149.198	29.840	0.055743	5	29.586
0.4367493E 03	0.6497903E 03	0.7829285E 03	56.093	5.349	0.077081	6	35.503
0.2918408E 03	0.3758804F 03	0.4758750E 03	52.174	7.453	0.046851	7	41.420
0.1570333F 03	0.1117072E 04	0.1128066E 04	81.998	10.250	0.111055	8	47.337
0.1006603F 03	-0.5869138E 03	0.5954866E 03	279.734	31.062	0.038627	9	53.254
0.9078113E 02	-0.9862825E 02	0.1340475E 03	312.627	31.263	0.013197	10	59.172

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 494 CTR 256 CR 1C.0 TR 12 CH. BEND 137							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.6944437E 04							
-0.5278823E 03	0.4153418E 04	0.4186878E 04	97.243	97.243	1.000000	1	5.917
-0.2621653F 03	-0.1660406E 03	0.3103225E 03	212.348	106.174	0.074119	2	11.834
0.1081189E 03	-0.1069582E 03	0.1520847E 03	315.309	105.103	0.036325	3	17.751
0.5200679E 03	0.8953125E 02	0.5276982E 03	9.760	2.442	0.126038	4	23.669
-0.1162667E 03	0.2713320E 03	0.2951931E 03	113.195	22.439	0.070505	5	29.586
0.1690485E 03	0.3449219E 03	0.3841201E 03	63.890	10.648	0.091745	6	35.503
0.2971777F 03	0.1419278E 03	0.3293296E 03	25.528	3.647	0.078658	7	41.420
0.3411174E 03	0.6784589E 03	0.7595649E 03	63.314	7.914	0.101418	8	47.337
-0.1330999E 03	-0.4473906E 03	0.4647695E 03	253.432	28.159	0.111485	9	53.254
0.3996179E 02	-0.8203743E 02	0.9125282E 02	295.971	29.597	0.021795	10	59.172

HARMONIC COMPONENTS OF STRUCTURAL LOADS -- TEST CONDITION NO. 50

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 494 CTR 256 CR 1C.0 TR 9 TORSION 114							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.1588250F 03							
0.1399254E 03	-0.1152290E 01	0.1812646E 03	320.528	320.528	0.69631C	1	5.917
-0.1479374E 03	0.0473767E 02	0.1796171E 03	147.384	73.692	0.674827	2	11.834
-0.4901590F 02	-0.1550380E 01	0.1626017E 03	252.455	84.157	0.624619	3	17.751
0.1959717E 02	0.6890033E 02	0.9103447E 02	77.568	19.352	0.349701	4	23.669
-0.1052903E 03	-0.2386784E 03	0.2603215E 03	246.143	49.229	1.000000	5	29.586
0.8298019E 02	0.5832872E 02	0.1014295F 03	35.104	5.851	0.394632	6	35.503
0.5574310F 02	0.2534277E 02	0.6123355E 02	24.448	3.493	0.235223	7	41.420
-0.3735384F 02	0.2146449E 00	0.3735445E 02	179.671	22.459	0.143493	8	47.337
0.2077751E 02	0.2117876E 02	0.2968890E 02	45.548	5.061	0.11397C	9	53.254
0.4068318E 01	0.1891719E 02	0.1934969E 02	77.863	7.786	0.07433C	10	59.172

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 494 CTR 256 CR 1C.0 TR 15 TORSION 185							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
-0.9264975E 02							
0.4731113E 02	0.2328833F 02	0.5273135E 02	26.206	26.206	0.558493	1	5.917
-0.9204469F 02	-0.8375454E 01	0.9242493F 02	185.199	92.600	0.978899	2	11.834
0.2018915E 02	-0.5804448E 02	0.5956998E 02	289.811	96.654	0.630923	3	17.751
0.1787408E 02	0.5275787E 02	0.5570346E 02	71.284	17.821	0.589971	4	23.669
-0.4915909E 02	-0.8061263E 02	0.9441725E 02	238.626	47.725	1.000000	5	29.586
0.1131794F 02	0.3890794E 01	0.1196804E 02	18.972	3.167	0.126757	6	35.503
0.3715245E 02	-0.9034546E 01	0.3823515E 02	346.332	49.476	0.404955	7	41.420
0.7712850F 01	-0.2997155E 01	0.8774718F 01	338.764	42.346	0.08764C	8	47.337
0.1444980F 02	0.1758537E 02	0.2276053E 02	50.590	5.621	0.241063	9	53.254
0.8163007E 00	0.7308234E 01	0.7353680F 01	83.627	8.363	0.077885	10	59.172

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 494 CTR 256 CR 1C.0 TR 29 PITCH LINK							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.8286457F 02							
-0.3718805E 02	0.1442269E 03	0.1449441E 03	104.458	104.458	1.000000	1	5.917
0.4245155E 02	-0.1064288E 02	0.4396236E 02	345.990	172.455	0.295140	2	11.834
0.3060530F 02	0.2488342E 02	0.3944450E 02	39.113	13.638	0.264828	3	17.751
0.9902233F 01	-0.2794476E 02	0.2794493E 02	270.203	67.551	0.187634	4	23.669
-0.1106840E 02	0.2777670E 02	0.2990074E 02	111.726	27.345	0.200751	5	29.586
0.7086093E 01	-0.2070322E 02	0.2188231E 02	288.895	48.145	0.146916	6	35.503
0.4947394E 01	0.8590024E 00	0.5023131E 01	9.462	1.423	0.033725	7	41.420
-0.1764049F 01	0.9454679E 01	0.1766580E 01	176.932	22.117	0.011861	8	47.337
-0.2035532E 01	0.3824989E 01	0.3646087E 01	123.937	13.771	0.024480	9	53.254
0.3475189E 02	-0.2359669E 01	0.2358671E 01	270.084	27.000	0.015836	10	59.172

HARMONIC ANALYSIS MODEL KH-51A SHIP 1002C T 494 CTR 256 CR 1C.0 TR 26 BLADE ANGLE							
AJ	BJ	CJ	PHIJC	PSIJC	CJ/CJMAX	J	FREQUENCY
0.5225628E 01							
0.1079110E 01	-0.1395497E 01	0.1764067E 01	307.715	307.715	1.000000	1	5.917
-0.7389534E 01	0.6419486E 01	0.9785891F 01	139.036	69.519	0.055473	2	11.834
-0.1087740E 01	-0.1643007E 01	0.3516625E 01	208.593	69.531	0.019935	3	17.751
-0.2233047E 01	0.5849888E 01	0.6257862E 01	110.906	27.727	0.035474	4	23.669
0.6015829E 03	0.3383477E 02	0.3436542E 02	79.918	15.984	0.001948	5	29.586
-0.1532716E 01	0.3824629E 01	0.424079E 01	111.818	18.636	0.023378	6	35.503
-0.2138135E 01	-0.2339151E 02	0.2138263E 01	180.627	25.804	0.012121	7	41.420
0.7879375E 02	0.1949109E 01	0.2102346E 01	67.989	8.499	0.011918	8	47.337
-0.6794966E 02	0.8385710E 02	0.9659804E 02	119.761	13.307	0.005476	9	53.254
-0.4422470E 02	0.3530555E 02	0.5658895E 02	141.399	14.140	0.003208	10	59.172

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13. ABSTRACT		
<p>This report presents the results of a two-phase research program consisting of (1) in-flight measurement of aerodynamic pressures and structural loads on a compound, rigid-rotor helicopter and (2) correlation of these data with theoretical results.</p> <p>Flight test data obtained in Phase I and recorded on an oscillograph were read on an oscillograph reading machine and were processed in an automatic data reduction program. This data processing consisted of integration of the pressure data to obtain the distribution of aerodynamic lift and pitching moments over the rotor blade, as functions of azimuth position. Airload and structural load data were harmonically analyzed.</p> <p>Output of the data reduction program was used in Phase II as input to the correlation program. The measured airloads were used to compute the theoretical bending and torsion responses of the blade. The measured torsion moments were used in the theoretical prediction of the airloads. The results of the applied theories are compared with the flight measurements.</p>		

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14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Compound Helicopter Differential Pressure Measurements Dynamic Response Harmonic Analysis Helicopter High Advance Ratio Modes of Vibration Pressure Measurements Rigid Rotor Rotor Loads XH-51A						

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